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AMERICAN UNIVERSITIES AND COLLEGES

EDITED BY

DAVID ALLAN ROBERTSON

THE AMERICAN COUNCIL ON EDUCATION

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PREFACE

The resources of higher education in the United States have expanded rapidly in the past decade. The number of persons seeking admission has more than doubled. Yet the problem of how to accommodate the students who apply is becoming embarrassing. Who should go to college has become one of the live topics of the day.

It is the purpose of this book to portray in one volume a reliable picture of the present resources of universities and colleges in the United States. Such a picture should not only help answer present questions. It should also prove suggestive of ways and means of improving institutions of higher education.

Part I enables the reader to understand the organization of education in the United States and the character and relations of college, university, professional school, and graduate school of arts and sciences. From these chapters the reader will derive a point of view and criteria which will enable him to evaluate the facts presented in Chapter VI and Part II.

For Part II each of the universities and colleges on the accredited list of the American Council on Education in 1927 has prepared an exhibit of its general character and resources. The real values so important in education cannot be set forth in such data as dollars of annual expenditures or acres of land. Nevertheless, it is hoped that the facts presented will be recognized as significant of increased power to achieve the higher values for which universities exist.

The American Council on Education gratefully acknowledges the cordial cooperation of the institutions herein represented.

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PART I

CHAPTER I

EDUCATION IN THE UNITED STATES

EDUCATION A RESPONSIBILITY OF THE STATES. THE BUREAU OF EDUCATION. OTHER FEDERAL AGENCIES. STATE ORGANIZATION OF EDUCATION. "DIPLOMA MILLS." ASSOCIATIONS OF UNIVERSITIES AND COLLEGES. THE AMERICAN COUNCIL ON EDUCATION. EXPENDITURES. ELEMENTARY EDUCATION. SECONDARY EDUCATION. THE COLLEGE. THE UNIVERSITY. COMPARISON WITH OTHER NATIONAL SYSTEMS

Education a Responsibility of the States.—Because the Constitution of the United States does not specifically include education as one of the responsibilities of the Federal Government, that responsibility, in accordance with the Tenth Amendment to the Constitution, remains with the individual States comprising the Federation. That is why there is no such centralized control of education as is familiar to the French, the Italians, and to many other peoples. And that is why, in the absence of any central authority, the educational situation in the fifty-two political divisions of the United States seems, at first sight, to be chaotic.

The Bureau of Education.—There is indeed a Bureau of Education in the Department of the Interior of the Federal Government. Agitation for the creation of a national educational office began in the middle of the nineteenth century, and led to the establishment, in 1867, of a Department of Education with a Commissioner of Education and three clerks, and a budget of $9,400, "for the purpose of collecting such statistics and facts as shall show the condition and progress of education in the several States and Territories, and of diffusing such information respecting the organization and management of schools and school systems, and methods of teaching, as shall aid the people of the United States in the establishment and maintenance of efficient school systems, and otherwise promote the cause of education throughout the country." Two years later this Department of Education was superseded by an Office of Education in the Department of the Interior, with a reduced budget—$6,000. In 1925 the Bureau of Education for all of its work had an appropriation of $752,980. The Bureau of Education has no administrative functions except those connected with the expenditure of funds appropriated by the Congress for the maintenance of colleges of agriculture and mechanic arts (land grant colleges) in the several States and in Hawaii and Porto Rico, and those concerned with the education, support, and medical relief of the natives of Alaska. The functions of the Bureau include: field service, research and investigation of special educational problems, educational surveys, and dissemination of information. It publishes bulletins and leaflets on education; *School Life*, a monthly periodical; and biennially a statistical and textual survey of education. It maintains the largest library in the United States devoted exclusively to education (125,000 volumes) and prepares printed, mimeographed and typewritten bibliographies on all phases of education for distribution among inquirers. It promotes rural education, adult education, cooperating with the States in an effort to reduce illiteracy, and aiding parent-teachers associations in a campaign to have remediable defects of children corrected before they go to school. It communicates directly with school administrators and officers of educational institutions seeking advice or information as well as with the departments of public instruction in the several States.

In the field of higher education the Bureau of Education was engaged until 1910 chiefly in the preparation of statistics and historical treatises. With the creation of the position

of Specialist in Higher Education by the Congress in 1910, the Bureau became a powerful agent in stimulating individual colleges to greater effectiveness and associations of colleges to united effort for betterment. In 1910, because of the lack of any authorized standards of higher education, there was far greater confusion than there is to-day. By selecting as a criterion the ability of an institution to prepare students for graduate study, and by studying the records made in preparation for higher degrees by graduates of the several colleges, the Specialist in Higher Education prepared a list of colleges classified according to this ability. This tentative list, issued to the universities for criticism, was suppressed by an executive order from the President of the United States, February 19, 1923. The Bureau has not since attempted any classification of institutions. The Bureau has been the chief agency in the United States for conducting surveys, ascertaining the kind and amount of higher education needed in a field, and the degree to which existing institutions appeared to meet the demands, and recommending improvements. The Bureau has furnished the basic information for many important studies and movements in higher education, for instance, the Junior College movement. In 1927 it has undertaken a study of negro institutions and a survey of land grant colleges—the latter the largest educational survey ever instituted in the United States. The chief executive officer of the Bureau of Education is the Commissioner of Education, John J. Tigert. The chief of the Division of Higher Education is Arthur J. Klein.

Other Federal Agencies.—The Federal Board for Vocational Education, created by Act of Congress in 1917, cooperates with the States in promoting vocational education in agriculture and the trades and industries, and in preparing teachers of vocational subjects. The annual appropriation, $7,367,000, is allotted on condition that the State or local community expend an equal amount. Other governmental offices with educational relations include the Agricultural Extension Service of the Department of Agriculture, the Children's Bureau of the Department of Labor, the Bureau of Standards of the Department of Commerce, the Bureau of Public Health Service of the Treasury Department, and the Smithsonian Institution.

State Organization of Education.—Although a few far-seeing men in the early years of the Republic urged creation of State school systems, the people were slow to develop State programs. Elementary education was at first provided in private schools under control of religious bodies. Such free education as was provided was offered by charity organizations. The humanitarian movements of 1820 took up the cause of free schools for all children. New York created the first State office of education in 1813, and in 1821 Governor De Witt Clinton brought about an order to support schools in each New York town. In 1825, Maryland established a State officer; in 1827, Vermont; in 1833, Pennsylvania; and in 1836, Michigan. In 1837, with the appointment of Horace Mann as Secretary of the Massachusetts State Board of Education, a movement for free schools in that State became vigorous. In the neighboring State of Connecticut Henry Barnard powerfully guided a similar movement to support public schools. By 1850 free schools were general in the Northern and Middle Western States.

Since 1900 the relation of the school to society has dominated all American educational discussion, and the large amount of school legislation in the several States. In some States there is emphasis on the responsibility of the town for developing schools under some State oversight; in others the county is the unit with State supervision varying from a nominal one to a strong central control. The State of New York is unique in the strength of its centralized control of all educational enterprises in the State. The State organization of education is still in process of evolution. The direction of progress seems to be away from the local township responsibility and toward a strengthening of the county system of organization with stronger State supervision.

Within each State there is a State Superintendent of Public Instruction. Under his

general supervision schools are organized, with the county or town as an administrative unit. Taxation of residents provides for education, elementary and secondary, throughout the State. In normal schools or teachers colleges there is provision, at public expense, for the training of teachers for the schools. Moreover, in almost all the States there is provision out of public funds for higher education. In many towns the public school system includes junior colleges, providing the first two years of the college course. In a few cities the system provides for a municipal college or university, like the College of the City of New York, the Municipal University of Akron, and the University of Cincinnati. In almost all of the States there is a State university which includes not only a college but graduate and professional schools.

In addition to these publicly controlled institutions there are many privately controlled colleges and universities. A charter conferring the power to grant degrees is issued by the State. Regulations governing the issuance of charters vary with the States. In general there is but slight provision for State control of these chartered organizations either at the time of incorporation or subsequently.

"*Diploma Mills.*"—Because there is no Federal control of education there is really no national control of degrees conferred in the United States. The Commissioner of Education in a document (6027) issued March 18, 1926, *Regulation of Degree Conferring Institutions*, has shown that in 36 of the 52 political divisions of the United States there is no provision for minimum conditions as to property, endowment, number of professors, course of study, or admission requirements. In almost all of these 36, a chartered institution can grant any degree. In 13 of these political divisions a corporation formed specifically for profit is permitted to confer degrees. Thirty-one States have no provision for supervision after incorporation. The States of New York, Pennsylvania, Ohio, and North Carolina have stricter regulations than other States.

As a result of this condition with respect to charters, it has come about that "diploma mills" exist. These are so-called universities operating under charters of States where the requirements are not so high as in the States just mentioned, and therefore "legally" able to confer degrees. Frequently they publish the statement that they are accredited, but do not say by whom. These enterprises sometimes advertise residence work, but more usually offer to confer degrees for work done by correspondence. The "diploma mill" usually operates away from the State which issued its charter, and is active especially outside of the United States, in South America, India, Europe, offering "American degrees" by correspondence frequently under a name which can easily be mistaken for that of a reputable American university. The reason for activity abroad lies not only in the demand for such worthless degrees, but in the greater safety of using the mails outside of the United States. It is difficult to put these organizations out of business, unless it can be proved that they have used the United States mails to defraud. For fuller information concerning their methods of operating, see *Educational Record*, Volume 7, No. 1, January, 1926, pp. 11–24, David Allan Robertson, "Degrees for Dollars"; *North Central Association Quarterly*, Volume 1, No. 2, September, 1926, David Allan Robertson, "The Educational Underworld"; *The Journal of the American Medical Association*, Volume 86, pp. 1527–32, May 15, 1926, "Active Correspondence Diploma Mills," a report of the Council on Medical Education and Hospitals of the American Medical Association.

Associations of Universities and Colleges.—In the absence of a central governmental authority it was natural that universities and colleges form associations for developing cooperation among these institutions and between them and the schools. The first organization of this kind was the New England Association of Colleges and Preparatory Schools. Membership is open to all colleges and schools in New England irrespective of educational standards. The fact that the New England Association has issued no list of accredited colleges makes it

necessary for New England institutions which desire to be accredited by some standardizing body to appeal to the Association of American Universities, which is national in its scope, but which maintains standards somewhat higher than those of the regional associations. So it happens that certain reputable institutions which are members of the New England Association, but which have not yet been approved by the Association of American Universities—possibly because the institutions themselves have not requested this approval—are not included in the present volume.

The Association of Colleges and Preparatory Schools of the Middle States and Maryland was organized in 1888. The North Central Association of Colleges and Secondary Schools (1892) has been a leader in the advancement of educational standards in the colleges and schools of Ohio, Michigan, Indiana, Illinois, Wisconsin, Iowa, Missouri, Nebraska, Kansas, Colorado, Oklahoma, Arkansas, Arizona, Montana, New Mexico, North Dakota, South Dakota, Wyoming. The Association of Colleges and Preparatory Schools of the Southern States (1895) has had an important influence in raising the quality of education in the South. The Northwest Association of Secondary and Higher Schools includes institutions in Idaho, Montana Washington, Oregon and Utah.

The Association of American Universities includes those universities especially interested in graduate work. A Committee on Classification of Universities and Colleges has issued a list of institutions which have proved able to prepare students for the graduate schools of the Association. This list is printed in the appendix.

The American Council on Education.—National cooperation for the National Defense in 1918 led universities and colleges and educational associations to form the American Council on Education. This proved to be so useful that it was continued after the war, including in its membership the leading educational associations and 210 universities and colleges. The organization of the Council is given in the appendix. The office is at 26 Jackson Place, Washington, D. C. The Director is C. Riborg Mann; the Assistant Director is David Allan Robertson. The American Council on Education derives its general funds from membership fees. During the year which ended April 30, 1926, these amounted to $32,780. During the same period the Council expended $193,871.44. Grants were made for special projects by Mr. John D. Rockefeller, Jr., the Commonwealth Fund, the Laura Spelman Rockefeller Memorial, the Carnegie Corporation, the Committee on Foreign Travel and Study. Important cooperative experiments have included the Educational Finance Inquiry (13 volumes, The Macmillan Company, New York, 1925), the Modern Foreign Language Study (reports of which are in press), Psychological Tests, Industrial Cooperation, Personnel Procedure, International Educational Relations. *The Educational Record*, quarterly, contains reports on current educational problems engaging the attention of the Council. Annual reports are printed in the July issue. The standards formulated by the Committee on Standards have been adopted and applied by all of the accrediting associations. The Council itself is not an accrediting body. Its list of accredited institutions is made up by bringing together the lists of the Association of American Universities, the North Central Association of Colleges and Secondary Schools, the Association of Colleges and Secondary Schools of the Southern States, the Association of Colleges and Secondary Schools of the Middle States and Maryland, and the Northwest Association of Secondary and Higher Schools. It is this joint list which determines the inclusion of colleges and universities in the present volume.

Expenditures for Education.—For the year ended June 30, 1924, statistics of education in the continental United States, prepared by the Bureau of Education, showed that expenditures for education, not including commercial and correspondence schools, amounted to $2,393,513,912. Of this amount more than three-fourths, or $1,820,743,936, was for public elementary (including kindergarten) and high schools; and about 5.5 per cent, or approximately $131,000,000, for

private schools of similar grade. About 15 per cent, or $341,515,910, was expended by colleges universities and professional schools.

Elementary Education.—The American school system until recently has meant an elementary school of eight years or grades followed by a secondary school curriculum of four years, commonly called 8–4 plan. Studies of the purpose and content of school curricula have led to the adoption of a 6–3–3 plan, a six-year elementary school, a junior high school of three years, and a three-year senior high school. The recognition that there is nothing sacred about the 8–4 plan has been followed by a like attitude toward the 6–3–3 organization. The significant thing at present in American elementary education is the emergence of something which may be called a junior high school which will give a basic prevocational training. The curriculum of the junior high school is likely to include English, Mathematics, Social Science, Natural Science and optional courses in Foreign Languages, Geography, Business, Agriculture, Industrial Arts, Home Economics, Drawing and Music. In the Middle West, the area of the North Central Association of Colleges and Secondary Schools, there is a desire to develop the junior high school without regard to college entrance requirements, and with the single purpose of serving the best interests of all children, referring to the senior high school the task of preparing for college entrance. The admission requirements formulated by the University of Nebraska illustrate adjustment to this recent development of the junior high school.

Secondary Education.—Even in Colonial times academies were established; these differed from the existing Latin grammar schools which had offered instruction in Latin, Greek, Logic and Mathematics, in laying emphasis on English, Mathematics, Drawing and Sciences. After the Revolution these increased in number, and when they began to prepare for college almost entirely displaced the Latin grammar schools. About 1820 there arose a demand for a school to prepare for life rather than for college, a school which should be open to all. In 1821 in Boston, and in 1825 in New York, the first American public high schools were opened. In 1860 there were not more than 100 public high schools in the United States, the private academy still leading as the type of secondary school. In 1890 there were 2,526; in 1918, 13,951, when they comprised 92 per cent of all high schools. In 1924 there were 19,442 public high schools, with an enrolment of 2,538,381. In the same year 2,124 private high schools enrolled 216,522 students.

While the study of elementary education has resulted in the creation of the junior high school, a study of the objectives and the curriculum of the secondary school, and especially of the college, has brought about a realization that the American college breaks somewhere near the middle with an emphasis in the first two years on general education. Consequently there is at present a disposition to consider carefully and as a unit all general education—Junior High School, Senior High School, Junior College—and a desire to define the purposes and methods of secondary training. Many have expressed the hope that this study will result not only in the elimination of duplication of effort within these parts of the system, but in the recognition of a specific and generally acceptable objective for secondary education in the terms of life rather than college preparation only. Any curriculum in accord with such ideals should, it is held, result in adequate preparation for college.

The changing concept of the high school has, of course, affected the curriculum and the subjects offered for admission to college, but in recent years the effect has been less than generally supposed. The content of the secondary curriculum usually offered for college entrance may be studied in the section of Chapter II devoted to Admission Requirements.

The College.—The American College, which is discussed at length in Chapter II, has been an institution offering a general or liberal education during four years and conferring a baccalaureate degree. Although the length of the college curriculum has remained unchanged its content has been greatly altered with the years. The college,

which as such has no parallel in European education, stands between secondary school and university. In recent years the four-year college curriculum has included much that is also included in the work of the secondary schools, and even more of the vocational or pre-professional study characteristic of the university. The problem of the future of the college is one of the most important in American education. For the European student it is convenient to think of the first two years of the American college as equivalent in general to the last two years of lycée or gymnasium, and the last two college years as equivalent in general to the first two years of the French or German University. Information concerning individual colleges will be found in Part II.

The University.—The University, which is described more fully in Chapter III, includes the undergraduate college, which is the nucleus of the American University, and professional schools of theology, law, medicine, and others—sometimes of an undergraduate level, and sometimes graduate—and especially a graduate school of arts and sciences. The length of a "university" curriculum, therefore, can be stated only in terms of the requirements for professional and graduate degrees. The graduate of an American college is expected to spend at least three years in satisfying the requirements for the degree of Doctor of Philosophy. Some of those matters which the university and the college have in common are discussed in Chapter II; the professional and graduate character of the university is emphasized in Chapters III–V; the information concerning individual universities will be found in Part II.

Comparison of National Systems.—A table exhibiting for all civilized countries the relationship of the years of elementary, secondary, and university education to the years of a student's age is a dangerous convenience because of the fallacious implication that an educational level attained in one country at a given age is the same as that reached in another country at the same age. Especially must one be careful to avoid the assumption that a baccalaureate degree is a standard like a meter. Even within a single country the baccalaureate degree may vary in character. The important thing is to know the purpose and character of the curriculum pursued by a student, and the quality of the work done by him. A measure of achievement, rather than of time spent in study, makes possible a proper adjustment of a student from one nation in the system of another.

CHAPTER II

THE AMERICAN COLLEGE

THE COLLEGE. COLLEGE CRITERIA. TYPES. EDUCATION OF WOMEN. OFFICIAL AND UNOFFICIAL PUBLICATIONS. GOVERNMENT. ADMINISTRATIVE OFFICERS. THE TEACHERS. GROUNDS AND BUILDINGS. THE LIBRARY. FINANCE. FUND-RAISING. ORGANIZATION AND INFLUENCE OF ALUMNI. ADMISSION REQUIREMENTS: UNITS. THE COLLEGE ENTRANCE EXAMINATION BOARD. THE CERTIFICATE PLAN. NEW METHODS. ENTRANCE CONDITIONS. SPECIAL OR UNCLASSIFIED STUDENTS. ADVANCED STANDING. CALENDAR. CURRICULUM: THE JUNIOR COLLEGE; THE SENIOR COLLEGE. HONORS COURSES. METHODS OF INSTRUCTION. HEALTH PROGRAM. PERSONNEL PROCEDURE. VOCATIONAL GUIDANCE AND PLACEMENT. CHAPEL. INITIATION. ORIENTATION COURSES. STUDENT ORGANIZATIONS. THE COLLEGE CLASS. RESIDENCE. RESIDENCE HALLS. COLLEGE UNIONS. FACULTY CLUBS. EXPENSES. AWARDS AND AIDS. LOAN FUNDS. SELF-HELP. GAMES. THE YELL. MUSIC. DRAMATICS. STUDENT PUBLICATIONS. LITERARY AND DEBATING SOCIETIES. FRATERNITIES. HONOR SOCIETIES. ACADEMIC COSTUME.

The College.—The number of colleges listed by the Bureau of Education in 1926 was 744. As already explained, the Bureau of Education does not undertake to classify these institutions. The colleges themselves in voluntary associations have set up standards and, having measured institutions by these, have published lists of colleges approved or accredited by the several associations. The term "college" was thus defined by the National Conference Committee on Standards of Colleges and Secondary Schools in 1918:

"A 'college' is an institution requiring for admission graduation from a standard secondary school, or the equivalent, and offering a four-year curriculum leading to the first degree in arts or science, of such character as to qualify for admission to a graduate school of recognized standing."

College Criteria.—The American Council on Education through its Committee on Standards, with which the National Conference Committee on Standards was consolidated in 1923, has declared "the term 'college'. . . . is understood to designate all institutions of higher education which grant non-professional bachelor's degrees."

The committee recommends to the various regional and national standardizing agencies as constituting minimum requirements the following principles and standards which should be observed in accrediting colleges:

1. *Admission of Students.*—A college should demand for admission the satisfactory completion of a four-year course in a secondary school approved by a recognized accrediting agency or the equivalent of such a course. The major portion of the secondary school course accepted for admission should be definitely correlated with the curriculum to which the student is admitted.

2. *Graduation Requirements.*—A college should require for graduation the completion of a minimum quantitative requirement of 120 semester hours of credit (or the equivalent in term hours, quarter hours, points, majors, or courses), with further scholastic qualitative requirements adapted by each institution to its conditions.

3. *Faculty.*—The size of the faculty should bear a definite relation to the type of institution, the number of students and the number of courses offered. For a college of approximately 100 students in a single curriculum the faculty should consist of at least eight heads of departments devoting full time to college work. With the growth of the student body the number of full-time teachers should be correspondingly increased. The development of varied curricula should involve the addition of further heads of departments.

The training of the members of the faculty of professional rank should include at least two years of study in their respective fields of teaching in a recognized graduate school. It is desirable that the training of the head of a department should be equivalent to that required for the doctor's degree, or should represent a corresponding professional or technical training. A college should be judged in large part by the ratio which the number of persons of professional rank with sound training, scholarly achievement and successful experience as teachers bears to the total number of the teaching staff.

Teaching schedules exceeding 16 hours a week for an instructor or classes (exclusive of lectures) of more than thirty students should be interpreted as endangering educational efficiency.

4. *Income.*—The minimum annual operating income for an accredited college, exclusive of payment of interest, annuities, etc., should be $50,000, of which not less than $25,000 should be derived from stable sources, other than students, preferably from permanent endowments. Increase in faculty, student body and scope of instruction should be accompanied by increase in income from endowment. The financial status of each college should be judged in relation to its educational program.

5. *Buildings and Equipment.*—The material equipment and upkeep of a college, including its buildings, lands, laboratories, apparatus, and libraries, and their efficient operation in relation to its educational progress, should also be considered when judging an institution.

A college should have a live, well-distributed, professionally administered library of at least 8,000 volumes, exclusive of public documents, bearing specifically upon the subjects taught and with a definite annual appropriation for the purchase of new books.

6. *Preparatory School.*—A college should not maintain a preparatory school as part of its college organization. If such a school is maintained under the college charter it should be kept rigidly distinct and separate from the college in students, faculty, buildings and discipline.

7. *Educational Standards.*—In determining the standing of a college emphasis should be placed upon the character of the curriculum, the efficiency of instruction, the standard for regular degrees, the conservatism in granting honorary degrees, the tone of the institution and its success in stimulating and preparing students to do satisfactory work in recognized graduate, professional, or research institutions.

8. *Inspection.*—No college should be accredited until it has been inspected and reported upon by an agent or agents regularly appointed by the accrediting organization.

Types.—Within the definition, however, there are colleges of many types. Some are independent foundations, others are incorporated in universities. Some are controlled by the State, others are privately controlled by self-perpetuating boards of trustees. A large number of the latter are related, directly or indirectly, to religious denominations. There are colleges for men and colleges for women. There are colleges for negroes. There are coeducational colleges in which men and women use libraries and laboratories at the same time, and attend classes together. There are co-ordinate colleges in which women receive separate instruction and sometimes use separate libraries and laboratories but are guided by the same instructional staff as in the related college for men. The exhibits of colleges presented in the following pages differentiate institutions according to type.

The term institute is frequently used for an educational organization of collegiate grade emphasizing science and technology. Illustrations are numerous in Part II.

Education of Women.—Schools, academies and colleges for boys were established long before society seemed to think it important to provide formal education for girls. As people became interested in the provision of adequate education for women they sought to have girls educated with boys in the existing schools. In the elementary schools coeducation began in the late eighteenth century. To-day 96 per cent of the pupils of American elementary schools are in coeducational institutions. In public secondary schools coeducation is general. Private secondary schools are almost all organ-

ized for separate education. In colleges coeducation prevails in the West; separate colleges for women exist particularly in New England and the Atlantic States, North and South.

Out of those extraordinary movements of thought which gathered force in the middle of the nineteenth century arose the demand for the provision of collegiate education for women. Emma Willard and Catherine Beecher, before 1830, powerfully protested against the type of education women were permitted to receive, and in 1837 as the result of Mary Lyon's enthusiasm and energy in stirring the people of Massachusetts Mount Holyoke Seminary came into being. Before the Civil War many Southern State legislatures granted charters to institutions for women, conferring the right to give degrees.

In the North the first chartered college for women was Elmira, in New York. In the West the economic conditions of a newly-opened territory and the pioneer spirit of the people favored coeducation. In Ohio, Oberlin College, when it was opened as Oberlin Collegiate Institute in 1833, admitted women equally with men. After the Civil War came the foundation of Vassar College (1861, 1865), Wellesley (1870), Smith (1871, 1875), Bryn Mawr (1880, 1885), Wells (1870), Goucher (1888), all in the East, and in California, Mills (1885), and in Illinois, Rockford (1892).

The State Universities opened their doors to women when Michigan led the way in 1870; California, Illinois and Missouri in the same year; Ohio State in 1873, and Wisconsin in 1874. Utah (1850), Iowa (1856), Kansas (1866), Minnesota (1868), and Nebraska (1871), had done so from their beginnings. Virginia, Louisiana and Georgia are the only State Universities open to men only.

Of the privately controlled institutions Cornell in 1872 opened its doors to women; Massachusetts Institute of Technology in 1883; Tufts College in 1892. Boston, Stanford and Chicago always have admitted women.

The coordinate college, a college separately organized parallel with a college for men, and using to some extent the same instructional staff and equipment, is illustrated in Radcliffe, in which the teaching is done by members of the Harvard faculty. When this institution was opened in 1879 it was popularly called the Harvard Annex. Others of this type are Barnard College of Columbia, H. Sophie Newcomb College of Tulane University, the College for Women of Western Reserve University, and that of Brown University.

In the graduate schools the education of women shows the same historical development. The very expensive provision for graduate work cannot easily be provided in duplicate. Although some graduate work has been done in Bryn Mawr College and Radcliffe, most of the graduate opportunities for women, especially in training for the doctorate, have been provided by State Universities and privately controlled universities like Chicago, Columbia and Stanford. In 1892 Yale and Pennsylvania opened their graduate schools to women.

Official and Unofficial Publications.—In Part II there is a general indication of the resources of each institution. The individual student who desires to know more about any one college will turn to its publications. Of first importance is the college catalog, a volume which contains the register of students for the preceding year and the announcement of courses, their content, value in terms of semester hours, and names of instructors for the ensuing academic year. The catalog gives information also concerning the training and experience of members of the faculty, the equipment of library and laboratory, provision of dormitory accommodations, and expenses, not only for tuition but for lodging, board and other items. The President's report, published by universities and the larger colleges, contains not only a statement concerning the financial status and progress of the institution, but a review of the principal advances in policy made during the year. The reports include important detailed statements by the Treasurer, the college Dean, the Examiner, the Health Officer and other administrators. In the universities the catalog has become a volume so bulky

that it cannot be conveniently or economically used for general distribution among inquirers. Consequently, the larger universities publish and distribute without cost circulars of information or bulletins, pamphlets including complete information concerning each college or school. Such publications are issued also on the subject of the summer session and other features of the college or university life concerning which there is a general desire for information. It is the practice to issue well in advance of the beginning of the term a "time schedule" which gives the hour and place of meeting, as well as the name of the instructor and the title and credit value of each course. This information, such as is published in the *Cambridge Reporter* or *Oxford University Gazette* a few days before term begins, usually is issued in the United States before the close of the college year, so that students may make arrangements for the succeeding year.

Sometimes the magazines issued by alumni associations afford useful facts and hints. In recent years colleges have undertaken to provide incoming students with handbooks containing excerpts from university regulations and general advice important for a new member of the college community. Student organizations, usually the local Y. M. C. A., have instituted a practice of publishing a pocket volume, useful as a diary, but even more useful to the incoming student in that it contains not only official information of importance to a student, but unofficial statements concerning student activities—publications, dramatic and musical clubs, literary societies and fraternities—student yells, songs, athletic records, traditions, a glossary of local terms, and announcements of all the religious organizations in the community—a handbook which is commonly called the "Frosh Bible" or "Freshman Bible." The edition is quickly exhausted. Application for a copy, if addressed to the Registrar, will be referred to the proper person.

Government.—In a college catalog the first bit of information to meet one's eye is the list of members of the Board of Trustees. American universities and colleges differ from those of the Continent of Europe, or even of England and Scotland, in that in the United States it is a custom to have a self-perpetuating Board of Trustees, formerly dominated by clergymen, now more frequently composed of business men. These Trustees elect a President and members of the faculty, formulate the statutes for the government of the institution, receive and invest funds for the use of the college, and occasionally determine the development of educational policies. In some institutions membership in the Board of Trustees is determined by relationship to some religious body. In the University of Chicago, for instance, two-thirds of the board must be members of the Baptist Church. In Trinity College, Hartford, Connecticut, two-thirds must be members of the Protestant Episcopal Church. Sometimes there is provision for nominations by members of the existing board, subject to confirmation by a church board. This is the form of control exercised by the Presbyterian Synod of Pennsylvania over the Board of Trustees of Lafayette College. In State Universities a different form of control exists. Sometimes the Regents of a State University are elected by the people, as in the State of Illinois. Sometimes they are appointed by the Governor, as in the State of Washington and the State of Arizona.

Administrative Officers.—The college catalog includes also the list of administrative officers. The most important single officer in an American college or university is the President. He has far greater responsibility and authority than has a German Pro-Rector, an English Vice-Chancellor, or a Scottish Principal. On the character, intelligence and energy of the President largely depends the efficacy of an American institution. A prospective student, therefore, will wish to learn whatever is possible concerning the personality of the college president. In the larger colleges the Dean is likely to be of more direct importance to the student than the President. For it is the function of the Dean to supervise all the relations of the individual student. An able Dean makes a college desirable for the individual student. The student is advised to establish cordial

frank relationship with his Dean, and all other personnel officers like the departmental advisors, psychiatrists, and others who are in a position to assist the student in solving his problems, both personal and educational.

The Teachers.—The college catalog affords some information also concerning the members of the teaching staff, usually called the faculty. For a student selecting a college it is important to note the distribution of professors, associate professors, assistant professors and instructors among the departments likely to interest the student. Occasionally a college takes advantage of the presence of some expert in its neighborhood and appoints such a person to give occasional courses or lectures on a part-time basis. It is to be noted that in formulating standards emphasis is placed on full-time teachers. The American college, unlike the British university, is likely to have several professors in a department, one of whom may be named Head or Chairman. It is helpful to study the records of the training and experience of each member of the faculty. In part this can be learned from the degrees and the names of the institutions from which degrees were secured. College catalogs generally afford a biographical statement concerning each teacher. Positions previously held, membership in important organizations like the American Academy of Science, the American Academy of Arts and Letters, editorial positions on scholarly journals, authorship of notable contributions to learning, the receipt of national and international honors, are criteria by which a professor's reputation can be judged. It is important to know also the teaching load of a member of the staff, inasmuch as the individual student is likely to derive the best results from study under an instructor who is not carrying an unduly heavy load, whether in number of students under his tutelage or in number of hours of instruction given each week.

Grounds and Buildings.—For the site of a college, trustees have usually chosen land in the country or on the edge of a town where values made possible a generous allowance of space. In the beginning, campus, the word usually applied to the college grounds, was an appropriate term for the wide unenclosed grassy space. Even in urban universities which once had ample room in uncrowded regions, but which now find their areas crowded with structures, the term campus is still used by students.

The buildings of early American colleges were Georgian structures; some of them, as at Harvard, Yale, Princeton, William and Mary, and Rutgers, retain still their simple dignity. In the early nineteenth century individual buildings of Georgian architecture were erected at South Carolina, Trinity, College of Charleston, Hanover, Middlebury and Kenyon. A building plan of colonial type for the University of Virginia was made by Thomas Jefferson. It was not until the end of the century, however, perhaps because of the growth of interest in city planning stimulated by the design of the World's Columbian Exposition in Chicago in 1893, that other universities and colleges considered the erection of buildings according to a well studied plan. Stanford was so designed by Charles A. Coolidge of Boston, who adopted the architecture of the California missions. Chicago was likewise planned as a whole by Henry Ives Cobb and developed by Shepley, Rutan, and Coolidge, James Gamble Rogers, Holabird and Roche, and Bertram Grosvenor Goodhue in collegiate English Gothic. Although Renaissance influence is to be found in the large halls of the State University of Iowa, and in several other State university buildings plans, although in the mission buildings of Stanford and the Pueblos of the University of New Mexico and the Michigan Union buildings by Pond and Pond, as well as in occasional reversion to Georgian there has been some effort to favor American architectural types, the characteristic college architecture in the United States since late in the nineteenth century has been English Gothic. Notable recent examples are the Graduate Quadrangle of Princeton University, by Cram, Goodhue and Ferguson, the Harkness Quadrangle at Yale, by James Gamble Rogers, and the tall structures of the Northwestern University in the center of Chicago by James Gamble Rogers. The landscape

architects, notably Olmstead Brothers of Boston, have contributed to the development of American colleges and universities according to beautiful plans. The Association of American Colleges and the American Institute of Architects have given special encouragement to institutions desiring to build well.

The individual buildings of older American colleges suggest in their purposes the colleges of Oxford and Cambridge: residence hall, dining hall, library and chapel. The aula of a Scottish or Continental university does not exist, the gymnasium being used for large assemblies. In all American colleges the foreign student will be struck by the gymnasium; the central heating and power plant providing heat, light, filtered water, hot and cold, compressed air and other power for all buildings; the administrative offices, both financial and educational, and especially the president's office, more conspicuous than the faculty room familiar to European university professors; the scientific laboratories; the facilities for readers in the libraries. The adaptation of a building to its special purpose is successfully attained by close cooperation of the architects and the prospective users of the proposed building. A physics laboratory like that of Rice Institute is the successful fruition of the joint labors of the professor of physics, Wilson, and the architect, Ralph Adams Cram.

The Library.—The accrediting agencies have set up criteria for a college library. It is significant when an institution provides for the housing of its books an architectural monument like the Low Library, designed for Columbia University by Stanford White. It is even more significant when an institution erects a structure successful not only as a monument but as a building for library service, for example, the Widener Library of Harvard, or the University of Minnesota Library. Clean airy stack rooms for books, easily accessible for attendants and advanced students permitted to have access to the stacks, and reading-rooms planned carefully as to lighting both by day and night, comfortable working conditions at table or desk, including provision for retaining books at the desk for future use, and especially cubicles for advanced students, or at least desk-room among the book stacks, characterize the more recently constructed library buildings. The date of erection of a library building is therefore significant.

The number of volumes in a library is important. The Library of Congress in Washington, D. C., contained 3,556,767 volumes in 1927. The Harvard University Library includes 2,497,200 volumes; the Yale University Library has 1,700,000; Oberlin, 247,200; Princeton, 580,000; Chicago, 1,000,000. An interlibrary exchange of books makes it possible for a library to borrow from the Library of Congress or another library rare volumes needed by a professor or advanced student.

It is to be noted that the foregoing figures refer to bound volumes accessioned, classified and available on shelves. It is not always clear if the college report lists volumes or titles. This is one matter which requires emphasis in the effort to secure some reform in educational statistics. Usually the total number of volumes includes "government documents," although some college librarians do not count these publications in their total number of volumes. "Government documents" are those issued by the several departments of the United States Government, like reports of the Smithsonian Institution, the reports of the Commissioner of Education, and all the other publications of the Bureau of Education, Census reports, etc. Some of these are of great use in college; others are more likely to be useful in universities in which research requires access to these files. Because there was a time when some institutions did not differentiate between these publications, freely sent to the colleges by the Federal Government, and volumes acquired specifically for the work of the college it is still necessary to know if the total number of volumes in a college includes any considerable number of government documents.

Within limits the mere number of volumes is useful in determining the character of a college library; but to compare the Harvard collection of 2,497,200 volumes with that of Amherst, with 130,000 volumes,

Carleton, with 70,000 volumes, or Knox with 30,000 volumes, affords no completely satisfactory index of the adequacy of the smaller library, or for that matter of the larger. A collection of books in a college library must be considered in relation to the college curriculum. Obviously an institution which offers no astrophysics need include few books in that field; just as clearly every college offers certain courses in English literature, history, economics, and philosophy which require certain books in connection with those studies. Only an inspection of the catalog or shelves of a library can afford a basis for judgment of the value of the collection from this standpoint; and approval by one of the accrediting agencies implies such an inspection. It does not imply, of course, that all these libraries approximate what is most desirable for a college library, either in number or character of the books.

The number of current periodicals received is significant. Contrast the number reported by universities in which research workers must have access to the latest journals in their field with the number received by institutions offering only the liberal arts curriculum of a college: California, 11,774; Yale, 11,556; Chicago, 4,143; Dartmouth, 1,200; Carleton, 600.

One of the criteria most emphasized in the examination of colleges is the professional administration of the library. That college library which is unused is of slight value. The use of the books depends not only on the assignment made by instructors in the classroom, but upon the professionally trained librarian, master of innumerable devices for making books conveniently and quickly accessible, for stimulating and guiding a student's interest in further reading on specific subjects or in general fields. The student who has been used to close study of a single text-book must learn as quickly as possible the technic of using a library for the purpose of reading the many references assigned in almost every class in college. Usually in an Orientation Course some training is afforded; frequently the library issues a handbook or pamphlet intended to save the time and energy of the student. It is important to secure and use such publications. It is to be remembered also that the reference librarian or head of the readers' department desires to place his expert service at the disposal of every student.

In the United States the card catalog has been highly developed. Books are analyzed and cards made for important subjects treated in each volume. Cards are arranged according to titles, authors, and subjects. Cooperation of libraries with the Library of Congress provides for prompt and accurate printing of cards for all the libraries of the country. If the card catalog does not reveal the presence of a desired volume, a student will do well to confer with the reference librarian.

The libraries ordinarily are open from 9 A. M. to 10 P. M. In the main reading rooms are open shelves for use without formality. Moreover advanced students usually have access to the stacks. The open door and open shelves are characteristic of the college library. In every possible way the American college library of to-day has been changed from the institution of 1850, open one hour each week, a museum of manuscripts and books from which students were permitted to extract specimens under conditions which tended to discourage the habit of reading, into a workshop which every student is encouraged and expected to use.

Finance.—The financial stability of a university or college is one index to its worth. In part this can be measured by the amount of its endowment. The standardizing associations in emphasizing a stable source of income wherewith to assure ability to secure adequate teachers and facilities recommend the possession of endowment funds. 260 privately controlled universities and colleges listed herein reported a total endowment of $859,067,681.06 on June 30, 1926. For the same year the annual expenditures reported by 249 privately controlled institutions amounted to $129,605,631.40.

In the case of colleges controlled and administered by church organizations, a long record of annual gifts from church boards is frequently considered evidence of financial soundness. In the case of colleges staffed largely by members of religious orders, there

is obviously no need for large expenditures for instruction. In some standardizing associations it is the practice to estimate the contribution of services by members of religious orders, computing the same with reference to expenditures for instruction in some similar institution in the same area. Sometimes, moreover, this estimated contribution is capitalized at 5 per cent in order to get a basis of endowment comparisons. It is important always to understand if reported endowment represents money or this theoretical capitalized sum. In this volume every effort has been taken to include only items which would meet the approval of a bank auditor.

The privately controlled universities report the possession of large endowment funds. Columbia University, including Barnard College, Teachers College, and the College of Pharmacy, has $98,204,633.43; Harvard, $76,000,000; Yale, $45,603,713.40; Chicago, $35,303,567.43; Stanford, $28,917,532.20; Princeton, $16,184,095.51; and the recently created Duke University reports $9,000,000 and 32 per cent of the income from a fund of $35,000,000.

The amount of the endowment funds of independent colleges can be learned in the following pages. Some of the largest amounts are: Oberlin, $13,377,829; Dartmouth, $8,731,733; Vassar, $6,620,837.32; Haverford, $4,000,000; Bryn Mawr, $3,396,326.32. The endowment and income from endowment must always be considered in relation to the educational program of the institution.

Publicly controlled universities and colleges receive their support chiefly from appropriations made out of public funds, Federal, State, and occasionally municipal. Some of them have accumulated endowment funds through the generosity of citizens of the State. For the year ended June 30, 1926, 86 such institutions reported total expenditures amounting to $137,469,105.26.

Expenditures for the year which ended June 30, 1926, afford an interesting basis of comparison between privately endowed universities and colleges and those supported by annual or biennial State appropriations and relieved of the need for conserving large funds. Columbia with its endowment of $98,204,633.43 and income from other sources is able to expend $10,290,004.63. The University of California, which has endowment funds amounting to $10,506,506.06 from which it receives a part of its income, expended $12,233,712.76. Harvard with its endowment of $76,000,000 expended $8,153,000. Michigan, which has an endowment fund of $3,238,154, had expenditures amounting to $9,008,071. Minnesota, with an endowment of $7,412,360.38, had expenditures of $8,279,225.40. Iowa, which has endowment funds amounting to $481,309.36, expended $3,667,690.74. The annual expenditures of the colleges with large endowment, mentioned above, were as follows: Oberlin, $968,679; Dartmouth, $1,233,757; Vassar, $1,612,979.87; Haverford, $345,474; Bryn Mawr, $1,489,622.25.

In the privately controlled colleges and universities the cost of education is partly paid by the tuition charge. In State Universities this is usually waived or reduced, although there is a tendency to set up various lesser fees. Many efforts to estimate the proportion of the instructional costs paid by students have been made. Cost accounting in education is as yet very difficult, especially because of the lack of any uniformity in definition of terms. The Educational Finance Inquiry Commission, under the auspices of the American Council on Education, has published a report by E. B. Stevens and E. C. Elliott: *Unit Costs of Higher Education*, The Macmillan Company, New York, 1925. The General Education Board, New York, 1922, published *College Finance*, by Trevor Arnett.

Fund-Raising.—Fund-raising under the direction of experts has become an important and interesting phenomenon in the American educational world. A statistical study of campaigns conducted recently by sixty-eight institutions has been published by one of the professional agencies: *A Nation-Wide Survey of Fund-Raising Among the Colleges and Universities of the United States*. With Charts. Second Study. By the John Price Jones Corporation, 150 Nassau Street, New York, 1926. This document, based on answers to questions sent

to several hundred institutions, sixty-seven of which furnished data, shows that the total sum of $149,391,142.38 was raised in sixty-eight campaigns by sixty-seven different institutions from 491,893 givers, the average gift being $303.71.

In organizing campaigns a thorough study of the needs of an institution, together with an analysis of the wealth and number of alumni and of possible donors among the general public, leads to setting a definite goal. In the foregoing campaigns the total sum aimed at was $181,580,000. The amount actually obtained shows that of the general sum 82.26 per cent was secured. Thirty-two institutions attained their objectives; thirty-six did not.

The total number of alumni approached was 594,223. Of the total sum alumni gave $68,797,129.35. It is interesting to observe that the average is $1,058,417.37 for all of the institutions, but that if Princeton, Cornell, Pennsylvania and Harvard are omitted, the average of the rest drops to $662,547. Michigan and Harvard had the largest number of alumni gifts, the State Universities, with their large graduating classes of recent years, coming next as a group. The women's colleges got a higher average percentage of alumni prospects as subscribers than did the entire group. Great as are these sums, and creditable as is the record of the alumni as givers, they played in these sixty-eight campaigns a less important part as givers than is sometimes believed. Their enthusiasm, however, their loyalty, and energy are responsible for part of the generosity of the public.

The total amount given in public gifts, not including those of foundations, was $59,571,993.93—about $10,000,000 less than what the alumni raised. Chicago, Northwestern, Rochester, Johns Hopkins, Hampton and Tuskegee raised very large sums from the public. Of the prospects among the public one in four contributed. Loyalty appeals enabled workers to get a larger proportion of alumni to give. Ninety-five and three-tenths per cent of Wellesley graduates, and 85.6 per cent of Princeton alumni contributed. Doubtless the percentage of donors among public prospects might have been raised by careful planning by campaign committees.

Gifts of foundations amounted to $19,192,461.05, 18.1 per cent of the whole sum.

It is significant that gifts of $1,000 or more, excluding those of foundations, represent only 1.53 per cent of the total number of prospects, and only 3.46 per cent of the givers, but 59.3 per cent of the total amount given. It would seem that the discovery of these special prospects is a major problem in any campaign.

Professional aid was used in forty-one of the campaigns, and the percentage cost of such campaigns was less than that of the campaigns managed by the colleges themselves. Of the methods of the experts in making a survey of an institution's needs and fund-raising resources, in creating a scheme of campaign organization and appeal, in guiding and stimulating the campaign organization, it is not necessary to say anything in this place.

Financial campaigns are important to the prospective student because if successful they signify public confidence in an institution, and also because every student may be approached some day in connection with the effort of his college to secure additional funds.

Organization and Influence of Alumni.—Organization of those who have been students is characteristic of American universities and colleges. In 1840 the first Alumni Association was formed at Harvard. For many years alumni organizations were chiefly social, affording opportunity for reunion of friends who delighted in recalling events and relationships of their college years. Sentiment determined even the use of the word alumnus instead of graduate for one who had received a degree from an institution fondly denominated "Alma Mater." To this extent the American Alumni Association is not unlike English associations of Old Boys. The social purpose still adheres in the case of clubs like the Yale Club of New York and the metropolitan University Clubs, the latter including graduates of universities abroad as well as in the United States.

As alumni associations developed they

proved to be useful not only in welding men together in friendship based on a common interest in a single institution, but in maintaining their interest in that institution. In colleges for men, loyalty has expressed itself for many years largely in the support of athletic teams. This interest has led to exertion of alumni to provide efficient coaching, complete equipment and more recently large expenditure for the comfort of spectators in grand stands like the Harvard Stadium and the Yale Bowl. Large investment of funds by those interested in athletics has its dangers because of enthusiasm for winning teams and the desire directly or indirectly to secure such victorious teams.

Gifts to the university have come to be a commencement time activity of graduating classes. Sometimes the class unites to give a stained glass window for a chapel; sometimes it establishes a fund for the purchase of a certain class of books for the library; or it may contribute to funds for loans or scholarships or endowment. The pleasant habit of adding to the commencement gift on certain anniversaries of graduation has become increasingly important. The Yale Fund and the Dartmouth Fund are examples.

Alumni have been generous contributors also in campaigns to increase endowment funds. 22,155 alumni of Harvard contributed the sum of $12,084,149.13 for general university purposes. 9,423 alumni of Princeton contributed $7,385,293.14 to that institution. In 1919, 12,842 alumnæ of Smith College gave $2,671,893.91. The gifts of 10,221 Cornell alumni amounted to $5,412,775. Indeed no campaign for funds for an endowed institution is now undertaken without complete organization of the alumni.

The Alumni Secretary has come into being. Alumni secretaries have become so numerous and energetic that since 1913 they have had their own society, the Association of Alumni Secretaries, with 195 members (1924). The publications of this association, which include reports of ten conferences (1913–1923), a *Handbook of Alumni Work* and a *Manual of Alumni Work*, have been completely indexed and afford an encyclopedia of information regarding practice in this field of university administration. Twelve volumes in paper binding are sent postpaid on receipt of $8 by the Association of Alumni Secretaries, R. W. Sailor, Editor, Ithaca, New York. An Association of Alumnæ Secretaries formed in 1919 was merged in 1923 with the older association.

One function of the Alumni Secretary is to prepare and publish a list of alumni. The alumni directory is an important official document. Such a volume with corrected addresses of holders of degrees, and sometimes of former students not holding degrees, is indispensable in case of a campaign for funds. The *Yale Alumni Directory* is a volume of 1,050 pages; that of Harvard, 1,189; Michigan, 1,379. Some college classes publish quinquennial or decennial records of the achievements of members of the class, with photographs, biographies, etc. Some of the older institutions publish also necrologies.

The medium of communication among the alumni is the magazine. In 1924 2,677,115 alumni organized in 6,443 clubs supported 204 magazines. Seventy-three of these publications have been associated since 1919 in The Alumni Magazines Associated, an organization which represents a combined circulation of 150,000. A list with facts concerning frequency, format, price, percentage of reading matter, advertising and illustration, etc., is printed in the aforementioned *Manual of Alumni Work*.

The influence of alumni has been felt not only in financial campaigns but in matters of educational policy. Between 1860 and 1870 a movement arose to bring about representation of alumni interest in governing boards. Since 1866 the Harvard Board of Overseers has consisted of thirty members elected by the alumni. Extent of the present practice may be understood by consideration of the boards described in the following pages. To some extent this is like the English practice of having in the University Senate representatives of Convocation, the body of those holding degrees of the institution. The powers exercised by the University Senate in England and the Board of Trustees in an American university, however, are not identical.

Alumni advisory bodies sometimes exist

along with alumni representation on governing boards as at Brown, Williams and Yale. These bodies, like Convocation at Oxford, may have a power of veto, or may have no powers beyond giving expression to alumni thought. Members may represent classes as at Beloit, or alumni clubs according to membership as at Yale and Smith. In some institutions like California, Vanderbilt, Washington, members are elected at large. The tendency seems to be to make the term of office five years. Occasionally this advisory function is lodged in an Alumni Board of Visitors, who may conduct surveys, as at Bryn Mawr, California, Kansas, Ohio State, Wellesley and Wisconsin. Reports are made to the Alumni Council at California; at Wisconsin the reports are made directly to the Board of Regents.

An encouraging sign is the increasing willingness of alumni to cooperate with Employment Bureau and Appointment Office in placing students and alumni in positions, temporary or permanent. The rapidly increasing emphasis on personnel methods in administration of students before and after acceptance by the college makes this an important part of alumni activity.

From the point of view of the University it is desirable to have its graduates interested in study and criticism of the education received in the institution, and in contributing from professional experience information likely to be useful to the college in meeting its educational responsibilities. Alumni membership on governing boards is commonly regarded as desirable. Furthermore, the financial needs of an institution of higher learning are never satisfied and require the cooperation of former students. The alumni finally have an opportunity to serve the community on behalf of the institution.

Admission Requirements.—Originally colleges not only set the standards of achievement required of applicants for admission but set the examinations. Such institutions as continue to require examinations are associated in the College Entrance Examination Board. The reports of this board are accepted by all colleges. The certificate plan of admission is based upon the theory that the student's preparation for college, which it is assumed is the same whether it is tested by a college examination or certified by the secondary school, is more satisfactorily measured by the continuous testing of the student by his teachers in the high school than by examinations set by the college in that the teachers constantly observe and measure the work of their students under normal conditions, and devote their time to instruction rather than to coaching for an external examination. In practice the two systems tend to approach each other, the College Entrance Examination Board requiring a transcript of the secondary school record, and the institutions using the certificate plan instituting tests in the first week of college, especially in English. Because of the extraordinary increase in the number of persons who desire to secure admission, competition among the colleges for students has largely disappeared. To limit the number of students to that number appropriate to the facilities of the college is a general practice which has necessarily developed attention to new methods of selecting students in the hope that the colleges and schools can find an accurate, quick and convenient system of selecting those who give promise of success in college. Health certificates, including evidence of recent vaccination, are usually required.

Units.—Admission requirements are uniformly announced in the terms of "units." The National Conference Committee on Standards of Colleges and Secondary Schools has described a unit in this way:

"A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

"A four-year secondary school curriculum should be regarded as representing not more than sixteen units of work.

"This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high school course as a basis, and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five

periods a week; but under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than one hundred and twenty sixty-minute hours or their equivalent. Schools organized on any other than a four-year basis can, nevertheless, estimate their work in terms of this unit."

The creation of the Junior High School and the Senior High School has led to a modification of the meaning of the college preparatory curriculum. Instead of insisting upon the established four-year course some institutions indicate a willingness to base their requirements upon the three years of the Senior High School. The Bureau of Education in May, 1926, asked the 744 colleges and universities listed in the Educational Directory for 1926 to report their policies in regard to adjusting entrance requirements to permit graduates of Junior-Senior High Schools an opportunity to enter college on the basis of the Senior High School course only. Replies were received from 626 institutions. In the area of the North Central Association there is a disposition to accept students on the basis of the work during the three years of the Senior High School. The admission requirements of the University of Nebraska illustrate this policy. A committee of the Southern Association is considering the problem. The New England Association holds that it should be possible for the pupil who has followed a non-college preparatory curriculum in the Junior High School to meet the college entrance requirements in the Senior High School.

The College Entrance Examination Board.—The College Entrance Examination Board celebrated its twenty-fifth anniversary in 1926 by conducting the examination of 22,089 candidates of 1,869 schools (1,040 public high schools, and 829 private schools) at 321 examination centers. More than half of these students were candidates for admission to New England colleges; about one-third desired to enter institutions in the Middle States. Most of the candidates were residents of these two regions. Nineteen foreign countries were represented by the students who took examinations in June, 1926: Canada, 21; China, 21; Cuba, 14; Mexico, 10; Switzerland, 8; Japan, 7; England, 5; Egypt, 2; Italy, 2; and other countries by single representatives. It is important to note that there are examination centers in Montreal and Toronto, Geneva, London, Paris, Balboa Heights (Canal Zone), Honolulu, Shanghai, and Peking. The College Entrance Examination Board, 431 West 117th Street, New York, publishes annually a definition of the requirements of this Board as they are tested by its examinations. Because the reports of this Board are accepted by all colleges in the United States, illustrations of these requirements in the fields most frequently tested are presented for the purpose of giving some conception of the content of the secondary school curriculum.

ENGLISH

The requirement in English is that recommended by the National Conference on Uniform Entrance Requirements in English. In 1927 and 1928 the requirement for the restricted examination is defined as follows:

I. *Habits of correct, clear, and truthful expression.* This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distinguished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and obscure enunciation.

II. *Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces.* This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature

minds. The second contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented by home reading on the part of the pupil and by classroom reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

List of Books for 1927 and 1928

1. *Books for Reading*

From each group two selections are to be made, except that for any book in Group V a book from any other may be substituted.

GROUP I

Cooper: The Last of the Mohicans.
Dickens: A Tale of Two Cities.
George Eliot: Silas Marner.
Scott: Ivanhoe or Quentin Durward.
Stevenson: Treasure Island or Kidnapped.
Hawthorne: The House of the Seven Gables.

GROUP II

Shakespeare: The Merchant of Venice,
Julius Cæsar,
King Henry V,
As You Like It,
The Tempest.

GROUP III

Scott: The Lady of the Lake.
Coleridge: The Ancient Mariner; and Arnold: Sohrab and Rustum.
A collection of representative verse, narrative and lyric.
Tennyson: Idylls of the King (any four).
The Æneid or The Odyssey in a translation of recognized excellence, with the omission, if desired, of Books I–V, XV, and XVI of The Odyssey.
Longfellow: Tales of a Wayside Inn.

GROUP IV

The Old Testament (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther).
Irving: The Sketch Book (about 175 pages).
Addison and Steele: The Sir Roger de Coverley Papers.
Macaulay: Lord Clive or History of England, Chapter III.
Franklin: Autobiography.
Emerson: Self-Reliance and Manners.

GROUP V

A modern novel.
A collection of short stories (about 150 pages).
A collection of contemporary verse (about 150 pages).
A collection of scientific writings (about 150 pages).
A collection of prose writings on matters of current interest (about 150 pages).
A selection of modern plays (about 150 pages).

All selections from this group should be works of recognized excellence.

2. *Books for Study*

One selection is to be made from each of Groups I and II, and two from Group III.

GROUP I

Shakespeare: Macbeth.
Hamlet.

GROUP II

Milton: L'Allegro, Il Penseroso, and either Comus or Lycidas.
Browning: Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus, One Word More.

GROUP III

Burke: Speech on Conciliation with America.
Macaulay: Life of Johnson.
Arnold: Wordsworth, with a brief selection from Wordsworth's Poems.

Lowell: On a Certain Condescension in Foreigners, and Shakespeare Once More.

Description of the Restricted Examination in 1927 and in 1928

The examination will be in two parts.* The first part, on Grammar and Composition, will test powers of correct, clear, truthful expression. The candidate will write one or more compositions several paragraphs in length. For this purpose a list of eight or ten subjects will be provided. These will be suggested in part by the books recommended for reading, but a sufficient number from other sources will make it possible for the candidate to draw upon his own experience and ideas. He will not be expected to compose at a more rapid rate than three hundred fifty words an hour, but his work must be free from common errors in grammar, idiom, spelling, and punctuation, and should show that he understands the principles of unity and coherence. In addition, questions will be asked on the practical essentials of grammar, such as the construction of words and the relation of various parts of a sentence to one another.

The second part, on Literature, will test the faithfulness with which the candidate has studied the works recommended for study and his ability to grasp quickly the meaning of a passage of prose or verse that he has not previously seen and to answer simple questions on its literary qualities. No candidate will be passed on this part of the examination whose work shows serious defects in composition.

In connection with the second part of the restricted examination the candidate may be required by the college to submit a statement certified by his principal specifying what books he has read during his secondary school course and indicating the quality and character of his spoken English. A suitable blank form for the certificate may be obtained from the Secretary of the College Entrance Examination Board.

* After 1928 the restricted examination in English will not be divided. It seems important, therefore, to warn candidates against taking the first part (English 1) in 1928 with the expectation of taking the second part (English 2) in 1929.

Definition of the Requirement for the Restricted Examination, 1929–1931

Habits of correct, clear, truthful expression. This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distinguished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and obscure enunciation.

Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces. This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature minds. The second contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented by home reading on the part of the pupil and by classroom reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

List of Books for 1929–1931

1. *Books for Reading*

From each group two selections are to be made, except that for any book in Group V a book from any other may be substituted.

GROUP I

Cooper: The Last of the Mohicans.
Dickens: A Tale of Two Cities.
George Eliot: The Mill on the Floss.
Scott: Ivanhoe or Quentin Durward.
Stevenson: Treasure Island or Kidnapped.
Hawthorne: The House of the Seven Gables.

GROUP II

Shakespeare: The Merchant of Venice,
Julius Cæsar,
King Henry V,
As You Like It,
The Tempest.

GROUP III

Scott: The Lady of the Lake.

Coleridge: The Ancient Mariner; and Arnold: Sohrab and Rustum.

A collection of representative verse, narrative and lyric.

Tennyson: Idylls of the King (any four).

The Æneid or The Odyssey or The Iliad in a translation of recognized excellence, with the omission, if desired, of Books I–V, XV, and XVI of The Odyssey, and Books XI, XIII–XV, and XVI of The Iliad.

Longfellow: Tales of a Wayside Inn.

GROUP IV

The Old Testament (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther).

Irving: The Sketch Book (about 175 pages).

Addison and Steele: The Sir Roger de Coverley Papers.

Macaulay: Lord Clive or History of England, Chapter III.

Franklin: Autobiography.

Emerson: Representative Men.

GROUP V

A modern novel.

A modern biography or autobiography.

A collection of short stories (about 250 pages).

A collection of contemporary verse (about 150 pages).

A collection of scientific writings (about 150 pages).

A collection of prose writings on matters of current interest (about 150 pages).

A selection of modern plays (about 250 pages).

All selections from this group should be works of recognized excellence.

2. *Books for Study*

One selection is to be made from each of Groups I and II, and two from Group III.

GROUP I

Shakespeare: Macbeth,
Hamlet.

GROUP II

Milton: L'Allegro, Il Penseroso, and either Comus or Lycidas.

Browning: Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—", Instans Tyrannus, One Word More.

GROUP III

Burke: Speech on Conciliation with America.

Macaulay: Life of Johnson.

Carlyle: Essay on Burns, with a brief selection from Burns's Poems.

Lowell: On a Certain Condescension in Foreigners, and Democracy.

Lincoln: Speech at Cooper Union, his Farewell to the Citizens of Springfield, his brief addresses at Indianapolis, Albany, and Trenton, the speeches in Independence Hall, the two Inaugurals, the Gettysburg Speech, and his Last Public Address, together with a brief memoir or estimate of Lincoln.

Description of the Restricted Examination, 1929–1931

The examination will occupy three hours. It cannot be divided; all of it must be taken at one time.

The first part of the examination, on Grammar and Composition, will test powers of correct, clear, truthful expression. The candidate will write one or more compositions several paragraphs in length. For this purpose ten or more subjects will be provided. These will be drawn in part from the books in "Books for Reading," and in part from other sources, which will make it possible for the candidate to draw upon his own experience and ideas. He will not be expected to compose at a more rapid rate

than three hundred fifty words an hour, but his work must be free from common errors in grammar, idiom, spelling, and punctuation, and should show that he understands the principles of unity and coherence. In addition, questions will be asked on the practical essentials of grammar, such as the construction of words and the relation of various parts of a sentence to one another.

The second part of the examination will test the candidate's ability to grasp quickly the meaning of a passage of prose or verse that he has not previously seen and to answer simple questions on its literary qualities.

The third part will consist of questions testing the faithfulness with which the candidate has studied the works in "Books for Study."

Description of the Comprehensive Examination in English

The purpose of this examination will be to test the ability of the candidate to define clearly in writing ideas gained both from books and from the life around him, and to read with accuracy and appreciation literature as varied in subject matter and form as that listed under "Uniform Entrance Requirements in English." Accuracy in the technique of writing will be insisted upon, but no paper will be considered satisfactory which does not show, in addition to this accuracy, that the student is able to think for himself and to apply what he has learned to the solution of unexpected problems. Although knowledge of the subject matter of the particular books prescribed in the "Uniform Entrance Requirements in English" is not necessary, yet the requisite ability cannot be gained without a systematic and progressive study of good literature.

MATHEMATICS

The requirements in mathematics conform in substance to the recommendations for the reorganization of the mathematical curriculum of the secondary school as contained in the report of the National Committee on Mathematical Requirements appointed in 1918 by the Mathematical Association of America.

The present formulation of the requirements was adopted in 1923 on the recommendation of a Commission appointed by the College Entrance Examination Board in 1921.

Mathematics A—Elementary Algebra—Two Units

This requirement consists of the requirements Mathematics A1 and Mathematics A2 combined.

Mathematics A1—Algebra to Quadratics—One Unit

In this requirement are included the following topics*:

(1) The meaning, use, evaluation, and necessary transformations of simple formulas involving ideas with which the pupil is familiar, and the derivation of such formulas from rules expressed in words.

(2) The graph, and graphical representation in general. The construction and interpretation of graphs.

(3) Negative numbers; their meaning and use.

(4) Linear equations in one unknown quantity, and simultaneous linear equations involving two unknown quantities, with verification of results. Problems.

(5) Ratio, as a case of simple fractions; proportion, as a case of an equation between two ratios; variation. Problems.

(6) The essentials of algebraic technique.

(7) Exponents and radicals; simple cases.

(8) Numerical trigonometry.

Mathematics A2—Quadratics and Beyond—One Unit

In this requirement are included the following topics:

* Only an outline of the requirements is given here. For complete definitions the reader should consult Documents No. 107 and No. 108 published in 1923. These documents will be sent to any address upon receipt of ten cents a copy which may be remitted in postage to the College Entrance Examination Board.

Document No. 107 defines the requirements in Elementary Algebra, Advanced Algebra, and Trigonometry; Document No. 108, the requirements in Plane Geometry, Solid Geometry, and Plane and Solid Geometry.

(1) Numerical and literal quadratic equations in one unknown quantity. Problems.

(2) The binomial theorem for positive integral exponents, with applications.

(3) Arithmetic and geometric series.

(4) Simultaneous linear equations in three unknown quantities.

(5) Simultaneous equations, consisting of one quadratic and one linear equation, or of two quadratic equations of certain types. Graphs.

(6) Exponents and radicals.

(7) Logarithms.

Mathematics B—Advanced Algebra—One-half Unit

In this requirement are included the following topics:

(1) Theory of equations.

(2) Determinants.

(3) Complex numbers (numerical and geometric treatment), simultaneous quadratics, scales of notation, mathematical induction, permutations and combinations, and probability.

Mathematics C—Plane Geometry—One Unit

The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

The scope of the requirement in Plane Geometry is indicated by a syllabus published by the College Entrance Examination Board. The examination will consist partly of book propositions and partly of originals. In the former type of question the candidate will be asked to give proofs of standard theorems which are assumed to have been presented to him in his course of study, or to reproduce standard constructions. In the latter type are included the demonstration of theorems which are not assumed to be familiar to the candidate, problems of measurement and calculation, and problems in the working out of unfamiliar constructions and the identification of unfamiliar loci. Questions calling for simple geometrical knowledge and understanding may fall under either type.

The originals on the examination will in general depend for their solution on propositions mentioned in the syllabus, but occasionally the original will be so framed that a solution will occur more readily to the candidate who is familiar with such important geometrical facts as the properties of the 30° and the 45° right triangles.

With regard to constructions, the candidate is expected to be able to perform and to describe accurately those listed at the end of the syllabus published by the College Entrance Examination Board, and also, as originals, others based on these. He is not required to give proofs of constructions unless a proof is specifically called for by the question, and such proofs will not be regarded as constituting a part of the book-work requirement, but will have the status of originals. The candidate is expected to be provided with ruler and compasses. In default of these instruments, however, he will receive credit for a satisfactory free-hand sketch showing all construction lines.

Mathematics D—Solid Geometry—One-half Unit

The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surfaces and solids.

The scope of the requirement in Solid Geometry is indicated in a syllabus published by the College Entrance Examination Board. The examination will consist partly of questions on book propositions and partly of originals.

Mathematics CD—Plane and Solid Geometry—Major Requirement—One and One-half Units

This requirement is based on the syllabi for the two preceding requirements, taken together.

Mathematics CD—Plane and Solid Geometry —Minor Requirement—One Unit

This requirement is designed to cover the most important parts of Plane and Solid Geometry in such a way that the preparation for it can be completed in the time usually devoted to the standard requirement in Plane Geometry. The scope of this requirement is indicated in a syllabus published by the College Entrance Examination Board.

Mathematics E—Trigonometry—One-half Unit

In this requirement are included the following topics:

(1) Definition of the six trigonometric functions of angles of any magnitude, as ratios. The computation of five of these ratios from any given one. Functions of 0°, 30°, 45°, 60°, 90°, and of angles differing from these by multiples of 90°.

(2) Determination, by means of a diagram, of such functions as sin $(A+90°)$ in terms of the trigonometric functions of A.

(3) Circular measure of angles; length of an arc in terms of the central angle in radians.

(4) Proofs of the fundamental formulas, and of simple identities derived from them.

(5) Solution of simple trigonometric equations.

(6) Theory and use of logarithms, without the introduction of work involving infinite series. Use of trigonometric tables, with interpolation.

(7) Derivation of the Law of Sines and the Law of Cosines.

(8) Solution of right and oblique triangles (both with and without logarithms) with special reference to the applications. Value will be attached to the systematic arrangement of the work.

Description of the Comprehensive Examination in Mathematics

The examination will be adapted to the proficiency of those who have had not less than the usual school course in Elementary Mathematics, comprising Algebra through Quadratics and Plane Geometry, and will also provide the means by which those who have extended their study to one or more branches of Advanced Mathematics, namely Solid Geometry, Logarithms and Trigonometry, and Advanced Algebra, may exhibit their proficiency in any or all of these branches of Mathematics. There will be two papers, one for elementary mathematics, and one for advanced mathematics.

FRENCH

The requirements in French follow the recommendations of the Committee of Twelve of the Modern Language Association of America.*

First and Second Year French—Two Units

THE AIM OF THE INSTRUCTION

At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

THE WORK TO BE DONE

During the first year the work should comprise:

1. Careful drill in pronunciation.

2. The rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax.

3. Abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate

* The Report of the Committee of Twelve, which was submitted in December, 1898, may be obtained in separate book form from D. C. Heath & Co. The lists of texts at present given in the requirements of the College Entrance Examination Board were recommended by a committee of the Modern Language Association in December, 1910.

readiness in the reproduction of natural forms of expression.

4. The reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read.

5. Writing French from dictation.

Suitable texts for the first year are: A well-graded reader for beginners; Bruno, *Le tour de la France;* Compayré, *Yvan Gall;* Laboulaye, *Contes bleus;* Malot, *Sans famille.*

During the second year the work should comprise:

1. The reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches.

2. Constant practice, as in the previous year, in translating into French easy variations upon the texts read.

3. Frequent abstracts, sometimes oral and sometimes written, of portions of the texts already read.

4. Writing French from dictation.

5. Continued drill upon the rudiments of grammar, with constant application in the construction of sentences.

6. Mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: Daudet, *Le Petit Chose;* Erckmann-Chatrian, stories; Halévy, *L'Abbé Constantin;* Labiche et Martin, *Le voyage de M. Perrichon;* Lavisse, *Histoire de France.*

Third Year French—One Unit

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

THE WORK TO BE DONE

This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts for the third year are: Bazin, *Les Oberlé;* Dumas, novels; *Merimée, Colomba;* Sandeau, *Mlle. de la Seiglière;* Tocqueville, *Voyage en Amérique.*

Fourth Year French—One Unit

THE AIM OF THE INSTRUCTION

At the end of the advanced course the pupil should be able to read at sight, with the help of a vocabulary of special or technical expressions, difficult French not earlier than that of the seventeenth century; to write in French a short essay on some simple subject connected with the works read; to put into French a passage of easy English prose; and to carry on a simple conversation in French.

THE WORK TO BE DONE

This should comprise the reading of from 600 to 1,000 pages of standard French, classical and modern, only difficult passages being explained in the class; the writing of numerous short themes in French; the study of syntax.

Suitable texts for the fourth year are: Dumas fils, *La question d'argent;* Hugo, *Quatre-vingt-treize* or *Les misérables;* Loti, *Pêcheur d'Islande;* Taine, *L'Ancien régime;* Vigny, *Cinq-Mars;* an anthology of verse.

Description of the Examination in French

The examination will be adapted to the proficiency of those who have studied French in school for two, three, or four years.

The paper will include passages of French prose or verse or both of varying degrees of difficulty to be translated into simple and idiomatic English. It will also contain pas-

sages in English of varying degrees of difficulty to be translated into French, and questions on grammar. Opportunity will be given to those who have had special training in French to show their ability to express themselves in that language.

LATIN

The requirements in Latin are in accordance with the recommendations made to the American Philological Association in 1909 by a commission* organized under the auspices of that Association. These requirements will continue in force only for the examinations of 1927 and of 1928. The requirements for 1929 and thereafter appear below.

I. Amount and Range of the Reading Required for the Examinations of 1927 and of 1928

(1) The Latin reading, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, Gallic War, I–IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Virgil, Æneid, I–VI.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Virgil (Bucolics, Georgics, and Æneid) and Ovid (Metamorphoses, Fasti, and Tristia).

II. Scope of the Examinations of 1927 and of 1928

(1) *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

(2) *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading:

Cicero, the first oration against Catiline, the oration for Archias, and the impeachment of Verres, Actio Secunda, IV, ch. 52–60 (The Plunder of Syracuse); Virgil, Æneid, III and VI; Ovid, Metamorphoses, Book I, 313–415 (Deucalion and Pyrrha); II, 1–328 (Phæthon); VII, 1–158 (The Golden Fleece); VIII, 616–724 (Philemon and Baucis); X, 560–680 (Atalanta's Race).

Accompanying the different passages will be questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

(3) *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

III. Suggestions Concerning Preparation

Exercises in translation at sight should begin in school with the first lessons in which Latin sentences of any length occur, and should continue throughout the course with sufficient frequency to insure correct methods of work on the part of the student. From the outset particular attention should be given to developing the ability to take in the meaning of each word—and so, gradually, of the whole sentence—just as it stands; the sentence should be read and understood in the order of the original, with full appreciation of the force of each word as it comes, so far as this can be known or inferred from that which has preceded, and from the form and the position of the word itself. The habit of reading in this way should be encouraged and cultivated as the best prepara-

* This Commission and its work are described in the Tenth Annual Report of the Secretary of the College Entrance Examination Board, pages 4–7, and also in "The Work of the College Entrance Examination Board, 1901–1925," pages 114–116.

tion for all the translating that the student has to do. No translation, however, should be a mechanical metaphrase. Nor should it be a mere loose paraphrase. The full meaning of the passage to be translated, gathered in the way described above, should finally be expressed in clear and natural English.

A written examination cannot test the ear or tongue, but proper instruction in any language will necessarily include the training of both. The school work in Latin, therefore, should include much reading aloud, writing from dictation, and translation from the teacher's reading. Learning suitable passages by heart is also very useful, and should be more practised.

The work in composition should give the student a better understanding of the Latin he is reading at the time, if it is prose, and greater facility in reading. It is desirable, however, that there should be systematic and regular work in composition during the time in which poetry is read as well; for this work the prose authors already studied should be used as models.

V. Description of the Comprehensive Examination in 1927 and in 1928

The examination will be adapted to the proficiency of those who have studied Latin in a systematic school course of five lessons each week, extending through two, three, or four years.

The paper will include passages of Latin prose and verse of varying degrees of difficulty to be translated at sight, and passages for Latin composition of varying degrees of difficulty. Accompanying the different passages set upon the paper will be questions on forms, syntax, and the idioms of the language, as well as questions on the subject-matter, literary and historical, connected with the authors usually read in schools.

Each candidate will choose those parts of the paper which are designed to test such proficiency in the language as may properly be acquired in two, three, or four years' study.

The following statement and recommendations are in accordance with a report presented to the College Entrance Examination Board in November, 1925, by a commission* appointed to frame recommendations on the basis of the Classical Investigation conducted by the Advisory Committee of the American Classical League.

I. Amount and Range of the Reading Recommended for the Examinations in 1929 and Thereafter

In 1929 and thereafter there will be no prescribed readings in Latin.

The following recommendations are made in respect to the reading:

(1) In the second year the early reading should be easy Latin which may be "made" or adapted Latin; not less than one semester of this year should be devoted to the reading of selections from Cæsar. The reading for the year may also include easy selections from such authors as Aulus Gellius, Eutropius, Nepos, Phaedrus, Quintus Curtius Rufus, and Valerius Maximus, or books of selections containing some of these together with authors of prose works.

(2) In the third year, if the reading be in prose, not less than one semester should be devoted to the reading of selections from Cicero; the reading for the year may also include selections from such authors as Pliny, Sallust, and Livy, or books of selections containing these and other authors of prose works.

(3) In the fourth year, if the reading be in poetry, not less than one semester should be devoted to the reading of selections from Virgil; and the reading for the year may also include selections from such works as the Metamorphoses, Tristia, Heroides, and Fasti of Ovid, or books of selections containing poems or extracts from Ovid or from other poets.

II. Latin Word List for the Examinations in 1929 and Thereafter

As the Board's examinations will test the candidate's knowledge of Latin and his

* The report of the Commission appears as an appendix to the Twenty-Sixth Annual Report of the Secretary of the College Entrance Examination Board, pages 151–157.

ability to understand Latin to a very large extent by his interpretation and translation of Latin it is only fair that the candidate should know as far as possible the standard by which he is to be judged. So long as certain works of certain authors are accepted as the norm for reading in preparation for the examinations it is essential that teachers and students should have a knowledge of the vocabulary that is most common in those particular works. The College Entrance Examination Board has in preparation a Word List that will indicate a vocabulary that students are expected to have at the end of two years, three years, and four years of study. This List will serve to reassure teachers that deviation from the beaten path is safe provided they take the required vocabulary as one of their guides in making their choice of selections.

This Word List will not give English meanings or Latin compound or derivative words whose meanings can be easily inferred from root words.

(All passages set for examination will be read at sight.)

III. Description of the Examination in 1929 and Thereafter

The examination will be adapted to the proficiency of those who have studied Latin in a systematic school course of five lessons each week extending through two, three, or four years.

The paper will include:

(1) Passages of Latin prose and verse of varying degrees of difficulty for translation.

(2) Passages of Latin prose and verse for comprehension. Candidates will be asked questions to test their understanding of these passages but will not be required to translate them.

(3) English passages for Latin composition for candidates presenting two or three years of Latin. Candidates presenting four years of Latin in one examination will also be expected to answer these questions.

(4) In connection with the different passages, questions on forms, syntax, and the idioms of the language, as well as such questions on the subject-matter, historical and literary, as may fairly be asked.

HISTORY AND CIVIL GOVERNMENT

The requirements in History and Civil Government were adopted by the College Entrance Examination Board in April, 1923, on the recommendation of a special Commission of Eleven, appointed by the Board in April, 1921. The requirements are based upon the reports of the Committee of Seven (1898) and of the Committee of Five (1910) of the American Historical Association.

In general, subjects A (Ancient History), B (European History), C (English History), and D (American History) correspond respectively to the successive subjects outlined for a four-year course in history in *The Study of History in the Schools: Report to the American Historical Association by the Committee of Seven* (New York, The Macmillan Company, 1899); and with more detail in *A History Syllabus for Secondary Schools by A Special Committee of the New England History Teachers' Association* (Boston, D. C. Heath and Company, 1904), and *The Study of History in the Secondary Schools: Report to the American Historical Association by the Committee of Five* (New York, The Macmillan Company, 1911).

In each of the subjects the examination presupposes the following preparation:

1. Historical instruction in a high school or academy for one year to the extent specified in the definition of the Unit of Admission Requirements.

2. The study of an accurate historical text-book, in which not less than 500 pages of text are devoted to the particular subject.

3. Reading of appropriate selections to supplement the text-book. Such selections should give the student some acquaintance with the sources of history and contribute to his historical background. Material useful for this purpose may be found in historical novels and poems, and especially in books of *Readings* in history.

4. Instruction in comparing historical characters, institutions, periods, and events, and in tracing the steps in the development of important movements through a considerable period of time.

5. Practice in locating places, areas, boundaries, and routes historically important.

History A—Ancient History—One Unit

The course should devote one-half of the year to the study of the ancient Orient and Greece as far as the death of Alexander and the break-up of his empire, with the expansion of Greek culture in the Mediterranean World. The second half-year should be devoted to the study of the history of Rome to the year 476 A. D.

Since not more than one-tenth of the whole time available can be allotted to the study of the history of the Orient, only so much of its narrative history should be studied as will hold the story together and fix its geography and its time relations. Emphasis should be laid not upon the details of military and political history but upon the civilization developed by the different peoples of the Orient, with particular reference to the contributions which they made to later ages.

In the study of Greek history, little time should be spent on the period prior to the Persian Wars, except to deal concretely with Homeric society and to emphasize the expansion of Hellas. From the Persian Wars to the death of Alexander the study should be exact and thorough, with special reference to the political, intellectual, and artistic development of Hellas during the Age of Pericles. Instead of trying to trace the constitutional development of Athens and Sparta from the beginning, the operation of the government in these States at the time of their maturity should be mastered.

In the period following the death of Alexander no attempt should be made to follow the intricate political history of the time, but opportunity should be found to study the federal government of Greece and the philosophy, literature, art, and religious cults which were the factors of the mixed Greco-Oriental culture of which Rome became the heir.

At the beginning of the second half-year the history of Rome to about the year 300 B. C. should be covered very rapidly. The attempt should be made rather to understand the organization and working of Senatorial government in the third and second centuries B. C. than to trace the changes made in Roman institutions in the fifth and fourth centuries. From 300 B. C. to the death of Marcus Aurelius the study must be relatively detailed and thorough.

History B—European History—One Unit

The examination in this subject is designed both for the students who have prepared in Medieval and Modern European history and for those who have prepared in Modern European history only.

Students who are offering Medieval and Modern European history will not be held to so detailed a knowledge of the nineteenth century as those offering only Modern European history. They should emphasize the contributions of the Roman Empire, the Germans, and the Christian Church to medieval civilization. The structure of feudal society, the Crusades, the formation of the European states, the several phases of the Renaissance and of the Reformation, and the discoveries outside of Europe should be covered.

Students who are offering Modern European history should emphasize the absolute monarchy of Louis XIV, colonial expansion and rivalries, the development of the constitutional monarchy in England, the enlightened despotism of Frederick the Great, the republican government of Revolutionary France, the Napoleonic epoch, and the main facts in the political development of Europe since 1815. Special emphasis should be laid upon the industrial Revolution—its political and social aspects—, upon the growth of nationalism and democracy, and upon the economic expansion of the European possessions outside of Europe. The study of the last half-century should include some account of the great material changes, important inventions, and intellectual and social and humanitarian movements.

History C—English History—One Unit

The division of the work between the two half-years should be made at about 1660.

During the first half-year, the periods of the Tudors and the early Stuarts should receive emphasis. Only the briefest reference

to the period before 1066 need be made, and from the Norman Conquest to the accession of the Tudors the treatment should be topical rather than exhaustive. It should deal with the effects of the Norman Conquest, relations with France, Scotland, and Ireland, Magna Carta and the origins of Parliament, and the emergence of parliamentary government out of the feudal monarchy. Some attempt also should be made to explain the development and character of the Christian Church in England, its relations with the papacy, the severance of these relations, the establishment of the national church, and the Puritan movement.

In the second half-year, starting with the Restoration, attention should be given first to the continued struggle between Crown and Parliament, culminating in the establishment of responsible government. In studying the great wars with France, attention should be directed to the commercial and colonial expansion in America and the East. With regard to imperial policy, the causes and effects of the Scottish and Irish unions and the revolt of the American colonies should be explained. The study of the revolution in agriculture, industry, and transportation should include some consideration of the consequent political and social reforms. Since the Reform Act of 1867, emphasis should be laid upon the more important reforms affecting economic political, and social life, and upon the problem of Ireland. Some idea should be given of the growth and nature of the British power in the Colonies and the problem of imperial organization.

In general, it is desirable to emphasize the important epochs and movements rather than the reigns of the monarchs; to trace developments; to secure a clear comprehension of the more influential personalities; and to show the relations of English history to the history of other countries, especially the United States.

History D—American History with or without Civil Government—One Unit

Candidates who wish to offer American History and Civil Government should devote at least one-fourth of their time to civil government. This study should be closely coordinated with American history at every point of contact.

The period of American history prior to 1763 may be treated briefly as a background for subsequent epochs. The period since the Civil War should receive adequate attention (about as much time as the period between 1763 and 1865). Questions on current events will not be asked.

The study of civil government should include a careful analysis of the Constitution of the United States—the powers, organization, and functions of the federal government, the relations between the States and the federal government, and the general nature and extent of the powers reserved to the States.

For the guidance of both the teacher and the student, the following suggestions are made:

1. That careful attention should be paid to map studies.

2. That the topics of slavery and secession should not be emphasized at the expense of the study of territorial expansion and social and industrial growth.

3. That due attention should be paid to the policy of the United States in foreign affairs, tariff, banking, civil service, currency, trusts, conservation of natural resources, capital and labor, immigration, and other present-day problems.

4. That familiarity with the lives and public services of great Americans should be especially encouraged.

The Certificate Plan.—The certificate plan of admission which was first used in 1871 by the University of Michigan, and which has since been accepted in modified forms by institutions in all of the States, is based upon an examination of a school, rather than of the individual. The University of Michigan inspected a school and determined that the school was fully qualified to prepare students for admission to college. This function is now performed in some States by the State university or by a State Board of Public Instruction for the schools of that State. The most important accrediting of schools is now done by the regional associations of secondary schools and colleges: The

North Central Association of Colleges and Secondary Schools; the Association of Colleges and Preparatory School of the Middle States and Maryland, the Association of Colleges and Preparatory Schools of the Southern States; the Northwest Association of Secondary and Higher Schools.

A certificate issued by the principal of a secondary school approved by one of these associations is accepted by a college as evidence that the bearer of the certificate has adeqaute preparation for college. Colleges and universities in these associations have cooperated with the schools in the development of a form convenient for all parties. The certificate reports the courses pursued by the student in terms of subject, hours and texts and the quality of the student's performance in each course and—an item to which great importance is attached—the principal's recommendation of the student.

A certificate is not necessarily acceptable to all colleges which use the certificate plan. The certificate presents the facts concerning the student's secondary curriculum. It may be that some of the subjects pursued by the applicant in school are not accepted by the college; the number of vocational subjects is frequently limited. In some States the State university is required to accept the graduate of any accredited high school. In more cases, however, the college requires that the necessary fifteen units include specified subjects: English 3 units, Foreign Language 3 units, Mathematics 2, History 1. Science 1. Moreover it is the practice of many colleges to admit only those students who ranked in the first seventh or first quarter of their graduating class.

New Methods.—The American belief that every individual should have the opportunity to develop his abilities to the utmost leads to a keen interest in the discovery of ability. During the Great War when it was vital to discover and develop as quickly as possible abilities of many kinds essential to the welfare of the State, the American Army used many experimental devices in personnel procedure. Since the war industry and education have continued to experiment.

Psychological tests have been used by many colleges since the war. Because no one institution had a sufficient body of material from which to draw conclusions the American Council on Education assembled a committee of experts under the chairmanship of Professor L. L. Thurstone of the University of Chicago to formulate a model test of scholastic aptitude. In the autumn of 1924 this test was taken by 40,000 students in 121 colleges. The results were studied by the committee and a new set was offered in the autumn of 1925 when 73,000 students in 201 colleges were tested. Again the papers were studied and a new test offered in 1926 to 60,000 students in 194 colleges. An account of this cooperative experiment will be found in the *Educational Record.*

One advantage of these tests, if they prove to be valid educationally, is the speed with which they can be given and scored. The College Entrance Examination Board which offered such a test for the first time in 1926 examined over 8,000 candidates June 23, 1926. By June 26, 7,000 of these papers had been marked, and by July 6 all reports had been sent to the colleges.

Psychological, intelligence, mental alertness, scholastic aptitude and other such tests represent only one phase of the new emphasis on the importance of discovering the individual's abilities. The selective admission plans of Columbia, Dartmouth, Princeton, Stanford, and the University of Chicago include ways of learning directly and indirectly from the student, and from his teachers and others who have known him best the indications of his interests and qualities: A family physician's statement regarding the applicant's health is usual; specific letters concerning moral qualities as known to teachers who have had an opportunity to observe them; a statement concerning the use of leisure especially the long summer vacations, hobbies, reading outside of classroom requirements; a short autobiography, which has been especially valuable in revealing character, achievement and ambition.

This analysis of the individual becomes the basis of the effort to develop him in college. The health record is essential in determining the extent of his educational and recreational program. Personnel officers—

deans and advisors—welcome every fact useful in guiding the student's development. Records which make significant data available for his future professors and future employers are being developed. This is the special interest of the American Council on Education Committee on Personnel Methods, which is also studying measures of achievement, rating scales and vocational monographs. It is the hope that the new devices for testing fitness of the individual for admission will be useful to the college in controlling admission, in developing the individual and in adjusting him to his subsequent career.

Entrance Conditions.—Before admission requirements were generally agreed upon among the colleges, it was common for an institution to allow entrance conditions. An applicant unable to qualify completely was admitted to the college on condition that he make up his deficiencies while pursuing his college course and before a certain date. With the definition of a "unit" and the length of a secondary curriculum, and with the extension of the list of subjects acceptable to the colleges it is not difficult for a student to present the required total number of units. Colleges generally announce therefore that conditions are not allowed. In some colleges this refers only to conditions due to deficiency in total number of units. Conditions due to a student's inability to satisfy the specified requirement as in Mathematics or Foreign Language may be allowed if he is able to present a total of fifteen units acceptable for admission. A condition in quantity is not allowed; sometimes a condition due to distribution of subjects is permitted.

Special or Unclassified Students.—Almost all of the colleges permit mature students (persons of the age of twenty-one years or more) to register as "special" or "unclassified" students. Persons so registered are not candidates for degrees, and if they desire to become candidates must satisfy the usual requirements for admission as well as the degree requirements. They must be qualified to pursue advanced work in the department of their choice. A representative of the department interviews such a student and advises him regarding his registration. Foreign students may be interested in the possibilities of this kind of classification, especially if they are expecting to remain for one year only. American undergraduates have been able to select those courses in the universities of France, Germany, and Great Britain most valuable in themselves to the individual and most acceptable in satisfaction of the degree requirements of an American college by registering as such students, avoiding thus not only certain difficulties of securing admission to European universities, but the duplication of subjects sometimes involved when the student follows the curriculum set in a given year for a particular examination. (See "The Junior Year Abroad," *Educational Record*, Vol. VII, p. 98.)

Advanced Standing.—Students who have spent a year or more in one college may, under certain conditions, enter another college at the same level, securing credit for the work done in the first institution. Such "advanced standing" may be allowed on examination, or it may be assigned on the basis of a transcript of the college record very much as the certificate plan provides for admission on the high school record. The individual college is accustomed to use the list of colleges and universities accredited by the regional association or the list of those approved by the Association of American Universities, permitting the student to receive credit "hour for hour" for all work done in the first institution if the quality of achievement was equal to that required in the receiving college. Of course it sometimes happens that a student has done work in one college which is not offered in the second. In such a case the latter may refuse to assign credit toward its degree. Sometimes only a part of the credit claimed may be allowed. Even if the college from which a student comes has not been accredited by one of the associations acceptable to the receiving college, the student may be received upon his merits. In this case he is subjected to examination, formal or informal, for the purpose of determining the amount of credit which the receiving institution can permit him to receive for work previously done.

After a probationary period the student's advanced standing is confirmed. It is especially important for the student desiring advanced standing to do well in courses which continue work begun in the first college. Ordinarily advanced standing is accredited as of the lowest grade acceptable for the degree (usually C) and not at the grade attained in the original college.

A letter of honorable dismissal is always required.

Advanced standing involves the equivalence of degrees. The frequent measurement of progress in an American college, notably in the completion of individual courses, facilitates the adjustment of students who migrate from one college to another. This migration takes place most commonly at the end of the first two college years, when students desire to begin professional or preprofessional work in the college of a university. This is approximately the educational level represented by graduation from a French lycée or a German gymnasium. College examiners are experienced in evaluating the credentials of students from institutions abroad, and in case of necessity have at command the expert service of the Bureau of Education. Of course in changing from one institution to another at home or abroad, or even from one curriculum to another within a single institution, there may seem to be a loss of time because of difference in degree requirements.

Calendar.—As in other things each institution is a law unto itself concerning the academic calendar. There is, however, a fair degree of uniformity with respect to the beginning and ending of the academic year. In most institutions the academic year begins late in September and ends the middle of June. It is most frequently divided into two semesters, the first semester ending 18 weeks after the opening of college, usually the middle of February. Some colleges have instituted what is called the trimester system, consisting of three sessions, October, November, December; January, February, March; April, May, June. A few have followed the lead of the University of Chicago and established a four-quarter system. In these, which deem it unwise to have an expensive educational plant idle for one-fourth of the year, the summer quarter is an integral part of the university year, and students may enter at the beginning of any quarter, or receive degrees at the end of any. The quarter is 11 weeks in length with a week of vacation between quarters. September is a vacation period.

It is important to keep in mind the vacations characteristic of the American college year. The summer or long vacation usually extends from the middle of June to late in September. In parts of the country where the climate makes such provision wise, this vacation may come earlier, as in California; or may be longer, as in some parts of the South. It is customary to have a vacation of about ten days, including Christmas and New Year's Day. In some institutions in the eastern States it is customary to have a spring vacation at the Easter season. Thanksgiving Day, which falls on the last Thursday in November, Washington's Birthday (February 22), Decoration Day (May 30), Independence Day (July 4), and other national holidays, lead to the suspension of college exercises. Legal holidays vary from State to State. Each college catalog announces those recognized by the institution. Church holidays are likewise mentioned in the college catalog. In non-sectarian institutions these do not lead to the suspension of classes. Frequently, however, there is generous provision for orthodox students of all beliefs who desire to celebrate church occasions with their families.

The working day in an American college begins earlier than in England, though seldom so early as in Germany. The time schedule published by each institution clearly indicates the appointed hour for each class. Sometimes classes are held as early as 7:30; more usually at 8 or 8:30. Most of the recitations are held in the morning. The afternoon classes are generally concluded by 4 or 4:30, except that laboratory periods, frequently arranged for the afternoon, may run as late as 6 or 6:30. Late afternoon hours are given to public lectures, concerts, and recreation. In urban universities conducting extension work in late afternoon and evening hours the favored afternoon hour is

4:30 to 6:30. The usual evening period is from 7:30 to 9:30. Some institutions have classes on Saturday morning. The amount of time given to class recitations and laboratory work is the subject of careful calculation by those who schedule the hours for courses. A recitation or lecture is 50–60 minutes in length. A laboratory period usually lasts for 110 to 120 minutes. A semester hour represents a course which meets once a week throughout a semester.

Curriculum: The Junior College.—In the early days of the American college the curriculum was prescribed. To-day, chiefly as the result of the wide adoption of the elective system fostered by President Charles W. Eliot of Harvard University, there is possible an individual curriculum for each student. Instead of undertaking the organized work prescribed for a given year the student, with the assistance of Dean and adviser, chooses individual courses. These may be taken in a certain college year by most students but only in a few colleges is there organization of the work of that year as a unit. If an American student fails in a course he repeats only that course; he is not required to repeat all the work of the year.

Whatever remains of prescription in the college curriculum is to be found in the first two years, Freshman and Sophomore years, sometimes called the Junior College and sometimes the Lower Division. During this time the student is required to continue some of the subjects begun in high school—foreign language or mathematics. The "distribution requirement" assures that each student makes acquaintance with fields of knowledge which in the eyes of the college authorities are essential to a liberal education. During these two years, then, he completes adjustment between his secondary training and his college curriculum, working off entrance conditions or such specific requirements as his special purpose may indicate, and completing his general education.

This part of the college curriculum has come to be the subject of special interest ever since President William Rainey Harper of the University of Chicago organized it as the Junior College. In recent years there has been a notable increase in the number of independent junior colleges. Moreover, studies of the success of students in the third and fourth year of the college curriculum indicate that students from the junior colleges are about as successful in the third and fourth year as those who receive their first two years of instruction in the institution from which they ultimately receive degrees.

The development of independent Junior Colleges has led Johns Hopkins University and Stanford University to consider the gradual surrender of instruction of those two years to Junior Colleges and devotion of their own resources to the work of the Senior College and Graduate School. If this movement succeeds and expands it may result in American secondary or general education more closely approximating the lycée and gymnasium.

Curriculum: The Senior College.—The third and fourth years of a college curriculum, the Junior and Senior years, are sometimes called the Senior College and sometimes the Upper Division. Even in those institutions in which the elective system persists in its most liberal form there is an effort to organize each individual's curriculum through what is called a "concentration requirement." The student is obliged to choose a "major" or "sequence" which consists of a specific number of courses in a single department. In addition he must choose one or two "minors," a minor consisting of a certain number of courses in a department allied to the major department. In addition to the courses making up majors and minors there are free electives. The concentration requirement leads into that specialization which characterizes the graduate school. The work of the third and fourth years has greater kinship in purpose and method with that of the graduate school than it has with that of the first two college years, just as the general education of the first two years is more closely akin to that of the secondary school. This cleavage is illustrated in the degree requirements reported by most of the colleges.

The kinship of senior college work and graduate and professional training is shown in the many combined courses which permit

a student in his third or fourth college year to begin his professional studies and to receive a college or baccalaureate degree at the end of the first or second year of professional training. Such opportunities are usual in Law, Medicine and Engineering.

In the following pages the degree requirements established in each college are specified. These are so variable as to make a succinct statement of them difficult. A study of the situation in one hundred institutions has been made by Dr. Walton C. John of the Bureau of Education (Bureau of Education, Bulletin 1920, No. 71, Requirements for the Bachelor's Degree.) English, Language, Mathematics, History and Science are commonly prescribed.

Honors Courses.—In recent years efforts to give greater liberty to the gifted student have led to instituting Honors Courses, an adaptation of the British scheme. The student who has proved his powers during the first two years is released from the necessity of attending classes, and is assigned to a member of the teaching staff who agrees with him upon an individual program of study and conference for the third and fourth college years to be tested by a general examination, preferably at the end of the fourth year. The National Research Council has published a report on the subject: F. A. Aydelotte: *Honors Courses in American Colleges and Universities* (National Research Council Bulletin No. 52).

Methods of Instruction.—The American college has given up the catechetical method of instruction based upon a single text-book. Instead of a body of principles to be memorized the student, especially in the social sciences, has a mass of cases which must be inductively considered. Sometimes a large body of source material is assembled in a "source book" or in a "case book" but usually the student is given a bibliography and is expected to become familiar with all pertinent material available in the college library, a demand which makes important the ability to read rapidly and accurately, and to take notes clearly. Library-cards or loose-leaf note-books are favored by the American student because of convenience in carrying and in sorting. No limit can be set to the time required in preparing for a recitation. The average is possibly two hours of preparation for one hour of recitation. In a typical recitation the instructor guides a discussion of points raised in the assigned readings and expects every student to be prepared to participate in the formulation of principles involved. While thus informally developing his subject the instructor at the same time informs himself of the progress of his students. To test the promptness and fullness of their comprehension he resorts from time to time to brief written examinations and reports prepared outside of the classroom; at the end of the course he is required to set a final examination which normally lasts two hours.

Regular attendance is emphasized much more than in European institutions. Excessive absence leads to penalties.

It should be noted that the required English course is fundamentally a course in rhetoric and composition. While studying the principles of the art of rhetoric, and especially their illustration in notably successful writings, the student submits "themes" for the criticism of the instructor in English. The latter writes his comment on each page and a general constructive criticism on the whole exercise. The instructor confers with each student concerning each theme. This conference is an important and valuable college engagement and should always be kept. The student, after conference with the instructor on the points criticised, revises or rewrites the theme and receives a grade not only on the original exercise, but on his rewritten work. It is clear that the work in English is informal and directed to the individual.

The preservation of conditions which permit such informal discussions in a recitation and such resultant knowledge of the student's abilities is a concern of every college and of the accrediting associations. The latter have declared that classes of more than 30 students, except in the case of lectures, endanger educational efficiency. It is of course recognized that instructional methods differ with subjects and with the skill of instructors. Some subjects can be developed in formal lectures. Fatigue and

the difficulty of retaining the illusion of the first time operate to induce lecturers to include in a single large group classes which might have to be addressed separately in successive periods. In many universities and colleges important professors, usually skilled in presentation, lecture to groups of 60 to 150 students. In the University of California professors have been known to lecture to a class of 1,200 students. Obviously in this case there must be found some way to measure the student's progress in such a course.

The "quiz section" is a subdivision of a large class which ordinarily meets for lectures by a professor; this subdivision, made up of ten or twenty students in charge of an assistant to the professor, meets once a week for discussion of points made by the professor in his lectures before the entire class, and for oral examination of members of the subdivision on the lectures and readings of the week. In a sense it is a use of the method of the scientific laboratory in the field of the humanities. Frequently members of the quiz section are expected to present prepared papers, and occasionally the assistant resorts to a written "quiz" or examination. Even in a class of hundreds of students the individual student, therefore, is expected to carry his responsibilities promptly and fully, to bring his difficulties to the assistant in charge, and to submit himself regularly to testing of his progress.

There is a constant consideration of the progress of each individual. At regular intervals—usually four weeks—instructors send to the Dean or Registrar the names and current records of those students who are doing unsatisfactory work in their classes. Students are warned by instructor and Dean, and helped to diagnose causes of difficulties and, assisted by personal advice and sometimes by invoking institutional regulations, to remove them. Students should promptly and gladly avail themselves of the opportunity to secure expert help in solving their problems. In case of continued failure, marked by inability to secure certain grades or quality points at the end of courses, a student is placed on probation and subjected to a loss of privileges, like participation in athletic competition and other student activities. Quality points or grade points are assigned on the basis of grades attained in courses. Colleges require a certain number of semester hours (quantity) and a related number of grade points (quality) representing something better than a barely passing grade. If, after a period of probation, a student still fails to secure the requisite number of grade or quality points, he may be asked to withdraw from college. This checking up of the progress of the individual college student with elimination on the basis of current records is completely different from anything in the European University or the American graduate school.

The student will discover in the college book shop many manuals for his guidance in study; for example, H. D. Kitson, "How to Use Your Mind," Philadelphia, 1921; A. W. Kornhauser, "How to Study," Chicago, 1924.

Health Program.—There was a time when colleges in the United States conceived their program of physical education in terms of calisthenics or gymnastics. From 1825 until about 1860, the influence of German and Scandinavian ideas of exercise led to the general establishment of gymnasiums. By 1860 most colleges had them. There followed a period during which sanitation was the cry. The University of California was one of the leaders in studying the environment of the students and endeavoring to bring about more healthful conditions. Commonly a committee of the faculty undertook to establish a program which included not only the formal physical exercises characteristic of the first period of health education in the United States, but a curative and preventive educational program. The importance of this lies chiefly in emergence of the medical aspect. It is this which has brought about the third and present period—a program of health promotion which involves coordination of all agencies, physical culture, hygiene, and medicine. The programs of Princeton, College of the City of New York, Wesleyan, Harvard, Oregon, Michigan, Minnesota and Chicago are typical. At the present time some 65 colleges of the United States are

members of the National Student Health Association. Twenty-four colleges have what may be called a complete health program according to the judgment of Warren E. Forsythe, M.D., D.P.H., Director of the University Health Service, University of Michigan, author of a report on the subject. In most colleges students are examined by medical officers at the beginning of the first year. Many institutions reject students if they are not in satisfactory health.

The student, if normal, is allowed great liberty in arranging a program of physical education. Some institutions require every student to learn to swim. Otherwise the able-bodied man or woman is free to engage in such sports as may interest him, and for which the college provides supervision and facilities. Of course a high percentage of the students are engaged in such required gymnastics as will develop the average person. Those who on examination reveal weaknesses may be assigned to corrective gymnastics. It is literally true that a woman student may receive credit for required physical education if she regularly lies down in a college rest-room for a period prescribed by the University physician. The point is that American colleges no longer are in the stage of obligatory calisthenics for everybody; they are embarked upon a health program which considers the best interests of each individual. Removal of physical weakness—eye difficulties are very common—contributes not only to the health and happiness of the student, but directly to his academic success. The Dean's diagnosis of causes of failure includes a consideration of the report of the college physician and frequently leads to a health program which results in scholastic recuperation.

Personnel Procedure.—The responsibility of a college for developing the individual student is increasingly emphasized. Many devices for discovering traits and abilities have been invented since Galton, in 1882, first used records for the vocational guidance of individuals. In the United States in recent years there has been a tremendous development of this form of personnel procedure. In 1927 the American Council on Education received a grant of $20,000 a year for three years from Mr. John D. Rockefeller, Jr., for the development of personnel procedure in the colleges. In some institutions there is a very careful diagnosis of the causes of failure among students. Remedial training in the technique of reading has been known to bring prompt success to a student who has been failing. Students are advised to cooperate frankly and as soon as possible with Deans, advisors, personnel officers, psychologists or psychiatrists, in the analysis and removal of individual difficulties. Unfortunately, many of those who most need help, and who might most easily be put in the way of success, are so shy or so modest that they are unwilling to consult these officers until the strain of final examination or some emergency creates a crisis. Students should bear in mind that these are friendly experts who honorably keep confidences and seek in every way the advancement of the individual student.

Vocational Guidance and Placement.—The placement of a graduate in some appropriate employment has come to be an official college and university function. Until recently this service has been based chiefly upon the record of the student in his classes. With the development of personnel procedure, including greater attention to the analysis of individual abilities and achievements, there has come a desire to have useful occupational information. As yet there has been little progress in securing job specifications of direct utility in the schools and colleges. Important enterprises have been initiated under the direction of the American Council on Education, the Commission on Medical Education, and others. When the world's work has been analyzed and the skills and qualities required for particular jobs have been specified, the schools and colleges can shape their curricula and methods of instruction to attain more quickly and effectively the objectives of education as they pertain to vocations. Meanwhile college placement bureaus are cooperating with employers in making clear the qualifications of students as at present known, and in acquainting students with the character of opportunities as at present understood.

The chief activity of these appointment offices is in recommending teachers. Usually there are requirements as to period of residence and quality of achievement in chosen fields. The student in registering gives the names of professors who know him best. The secretary of the bureau then secures confidential statements from these professors. The statements and other credentials are laid before employers interested in the student. This service is gratuitous to candidate and employer.

Energetic effort on behalf of an individual candidate or employing institution is undertaken by the so-called teachers agencies which have developed especially in the late nineteenth century. These discover openings and nominate candidates registered with them. Successful candidates pay to these commercial agencies a fee, a percentage of the salary for the first year, varying from 5 to 10 per cent.

Massachusetts, Pennsylvania and Minnesota have established State agencies for teacher employment. There are indications of growing interest in such State offices and in the cooperative plans of some educational associations.

The American Council on Education maintains a personnel division with records of 23,000 university and college teachers. The files are open to members of the Council who find therein a valuable cross-section of the teaching profession, and its preparation, experience and salaries. The personnel file includes records of all teachers, not merely those seeking new positions, and is therefore of special value to college executives.

The market for teachers in the United States is imperfectly organized. There is no season for employment, except that April seems to be the month when most arrangements are made for the ensuing year. The annual meetings of the learned societies, the programs of which have come to be heavily laden with papers by young scholars put forward by professors proud of their students, have become a sort of annual fair for the display of promising doctors of philosophy. Otherwise there is no open competition either for places or candidates. It is notable that there is no frank public advertising of vacancies in colleges and universities such as appears constantly in the British journals. Nor is there the frank and honorable application which is usual in England. Indeed in some cases application has been enough to condemn a candidate. The conventions at present seem to require the advancement of a person's interest by a third party.

The student desiring consideration for a teaching position will do well to register with the appointment office of his own college or university. Such service is gratuitous. The foreign student will remember that if admitted to the United States as a non-quota student he cannot change his status while in the United States. He must leave the country and return with appropriate visa. It will be remembered that to be admitted as a non-quota teacher the applicant must convince the American Consul abroad that he has been a teacher for two years prior to his application for admission to the United States.

It is to be noted that graduation from a college or university does not carry with it licensure to practise a profession. Certain States issue certificates to teach to those graduates of approved institutions who have included in their curricula specified courses. Otherwise candidates for teaching, medicine, dentistry, law, pharmacy, etc., must pass qualifying examinations set by State Boards of Examiners.

Chapel.—A heritage from the early years of the American college when the institution was created by religious leaders for the training of other ministers is found in the requirement of chapel attendance. Because foreign students have frequently sought information on this particular point the chapel requirement is mentioned in the statements concerning individual colleges. The strictest obligations are those laid upon students in church institutions—those of the Roman Catholic Church and of some of the Protestant denominations. Students in residence halls at such colleges are frequently required to be present at brief religious services each day of the week, and to attend a service on Sunday, or even Sunday School and two ser-

vices. More commonly students are obliged to attend chapel three or four times a week; and still more usual is the requirement to attend one chapel service during the week.

In those institutions where the chapel requirement obtains there is usually a system of excuse for those who present sincere conscientious objections. Few such excuses are requested. Many institutions make it a point to include as speakers, ministers of all denominations, including Jewish rabbis and Catholic priests. In Catholic colleges likewise, Jewish and Protestant students, although usually excused from the religious obligations of Catholic students, frequently attend the religious services of the college. For all students affected by the chapel requirement there is usually a plan whereby the regulation is somewhat relaxed—a plan which permits a certain number of "cuts" or unexcused absences during a term. Any student exceeding the allowance is penalized. Sometimes an extra scholastic requirement for graduation is imposed; sometimes there is a reduction in the recorded grade of work; sometimes there is a limitation of eligibility for appearance in dramatic performances and athletic contests and other affairs dear to the undergraduate. New York University in the case of those excused from chapel or those who absent themselves excessively requires a paper on some religious or ethical subject.

In Church colleges the chapel service retains its distinctively religious character. When the requirement is maintained in institutions in which the student body is made up of representatives of many faiths, there is an inclination to lay emphasis on religious elements common to all denominations; sometimes this brings about a formalizing of the order of service, so that the only vestiges of a religious program are a brief prayer and the benediction. The purpose of the non-sectarian institutions in their chapel requirement is well expressed in the letter of Mr. and Mrs. Leland Stanford in establishing the University named for their son, "To prohibit sectarian instruction, but to have taught in the University the immortality of the soul, the existence of an all-wise and benevolent Creator, and that obedience to His laws is the highest duty of man, . . . while it is our desire that there shall be no sectarian teaching in this institution, it is very far from our desire to exclude divine service. We have provided that a suitable building be erected wherein the professors of the various religious denominations shall from time to time be invited to deliver discourses not sectarian in character."

In State universities required chapel is usually an assembly of all students. The program consists of administrative announcements and an address of general inspiration to good citizenship.

Almost every private institution provides an opportunity for worship. Only when chapel attendance is compulsory is it noted in the following pages. The absence of a chapel requirement does not at all imply a lack of religious spirit or an opportunity to express it.

Initiation.—In the medieval university a new student was welcomed with ceremonies not wholly dignified or agreeable. In some ancient universities something akin to the dehorning of Bejaunus—the strange monster of the yellow beak—persists. In the United States the private welcoming of the new student has some of the informality of the ceremonies of the Middle Ages. For the most part, however, hazing—the tormenting of new students by various indignities, mental and physical—has disappeared. In all institutions it is officially disapproved.

In some places a moral equivalent for the warfare between new and old students exists in a game of push-ball, a baseball game, a tug-of-war across a stream into which the members of the losing team are dragged, or in carefully regulated struggle for some symbol of student supremacy, like a flag, a cane, or a football, a struggle known as a "rush."

In most institutions the welcome extended to new students has become a genuine expression of hospitality, a greeting of new colleagues. In public meetings participated in by the officials of the college, as well as old and new students, newcomers are made to feel that they really are a part of the community, and as such possessed of rights and responsibilities. In these meetings oppor-

tunities for relating oneself to various student organizations are presented by student representatives. Freshman Week and Orientation Courses are an expression of the desire quickly and hospitably to adjust the student to his new environment.

Orientation Courses.—Orientation courses for Freshmen include in general the organization and administration of the institution, its educational objectives, the general content of the curricula, description of the libraries including special collections, directions for using the libraries to the best advantage, some account of the laboratories and the best methods of securing results in them, general advice on methods of study, a discussion of causes of failure, the importance of diagnosis and remedial measures, methods of budgeting time and energy, the importance of preserving health, the wisdom of establishing social relations, general opportunities in the institution and community for developing one's self in art, literature and religion. Sometimes such a course becomes a fully developed study of current problems, as at Columbia, a course not unlike the Cours de Civilisation offered in Paris. Sometimes a week is given to an intensive study of the foregoing subjects before the college program really begins. In such cases the program is called Freshman Week. At Indiana, Illinois, Michigan, Purdue, South Carolina, and Wisconsin a camp is conducted in which the program of Freshman Week is made effective under informal and indeed intimate conditions.

Student Organizations.—The students of an American college generally represent a cross-section of the community. In cities the student body may be heterogeneous, including old ladies and young boys, sons of unskilled laborers and children of generations of professional men, students who are earning all of their living expenses and those who have too liberal allowances from wealthy parents. In smaller places the student body is likely to be more homogeneous. In either case there is genuine democracy.

A phase of preparation of students for their responsibilities as citizens of a democracy is the organization of the student government association. In the women's colleges this has been more completely organized than in most of the men's colleges. The Student Government Associations of Vassar and Smith and Goucher include all students of these institutions. The head of the student government carries a heavy load of responsibility. Usually student government entails student management of minor infringements of discipline and cases of dishonesty in examinations. In institutions in which there is solidarity of the student body, as at Princeton and Virginia, student opinion upholds the honor system; it is less likely to be successful in the institutions of miscellaneous membership.

There is no completely representative national organization of the students of all colleges. Members of the Y. M. C. A. and Y. W. C. A. have had regional and national conferences for many years. The men's national fraternities have an Interfraternity Council which may be said to represent all of those in these organizations. The Women's sororities have a similar Pan-hellenic Association. The latest effort to create a National Student Federation was made at Princeton in 1926. It may be that students of all the colleges will accept the opportunity to make this their national representative organization. The National Student Federation cooperates with the Confédération Internationale des Étudiants.

The College Class.—In the older American colleges the student's loyalty to his college class is conspicuous. In the universities of Europe a student is known by the year of his admission. An individual entering an American four-year college becomes a member of the class which will be graduated four years later. He is classified in all of his college relationships as a member of a graduating class—even if, as sometimes happens, he takes his degree at some other time. When the college classes were small and personal relationship with each classmate possible, the solidarity of a college class was notable. With the increase in enrolment, the spread of the elective system and the development of combined courses leading into the professional schools, the tradition of solidarity has survived, but the intimacies

characteristic of earlier classes are to be found now in clubs at Princeton and Harvard and Yale and fraternities in other colleges. Loyalty to a class is most conspicuous on alumni day in June, when graduates of an institution return to their Alma Mater to foregather with members of their college class. This loyalty, however, finds expression not only in the carnival spirit of such a day, but in organization to increase the financial resources of the college. In college publications the numerals following a name refer to the class in college: John Smith '92 is a member of the class of 1892, the year in which he received his bachelor's degree. In some institutions a member of the class who did not take his degree is marked thus: George Ray, ex-'92.

As a student progresses through a four-year college, he is in turn a Freshman, a Sophomore, a Junior, and a Senior. The use of the terms Junior College and Senior College has been accompanied by some confusion in that occasionally students in the first year of Junior College are called Lower Juniors and those of the second year Upper Juniors, and members of the Upper Division or Senior College have sometimes been called Lower Seniors and Upper Seniors. These terms have not displaced the traditional names of first year, second year, third year, and fourth year students: Freshman, Sophomore, Junior, and Senior.

Residence.—As used in the United States residence is a term which refers primarily to the regular attendance upon courses of instruction offered by members of the teaching staff in the buildings of the college. The resident student may live in a college dormitory or may live elsewhere and resort to the college campus only to attend his classes and use the library and laboratories. Students pursuing extension courses by correspondence or otherwise, even if they are living in or about the college, are not resident students. Every college or university listed herein requires for a baccalaureate degree at least one academic year (nine calendar months) of residence work, usually the last year, in the institution which confers the degree. Advanced standing is allowed for residence work in other institutions. A few colleges allow a limited amount of correspondence or other extension work to be counted toward the degree. No institution on the accredited list of the American Council on Education confers a degree for non-resident work only.

Residence is used in a secondary sense with regard to the requirements concerning lodging. A residential college in England is one in which students are required to keep terms within the walls of the college. Some American institutions require students to live in the college dormitories. Sometimes all students not living at home or with relatives are subject to such a requirement. Sometimes it is exacted of all women. Sometimes all new students must live during their first year in a college residence hall. College catalogs, therefore, use the term residence requirement in two senses: pertaining to the amount of attendance on courses at the institution conferring the degree; and with regard to lodging in college quarters.

The word is used in a third sense by some State Universities in naming charges for tuition. Students who reside in a State pay no tuition, or a lower rate than that paid by non-residents.

Residence Halls.—When residence halls, usually called dormitories in the United States, are provided by the college, lodging in such a building is to be preferred because of the social and educational opportunities involved as well as because the cost is likely to be lower than that of private lodgings. These residence halls may be large hotel-like structures as at Columbia, or smaller units like those at Princeton. Naturally there is greater intimacy in the smaller units, an intimacy which at its best is not unlike that of an Oxford or Cambridge college. Sometimes, as in Harvard, new students are grouped together in a dormitory; and sometimes, as at Chicago, undergraduates and graduates, theological, medical, and law students will live under the same roof, contributing to the education of each other.

In a student's room in a college residence hall there are usually provided a work table and chair, an easy chair, a chiffonier, bookshelves, a clothes closet, a bed with mattress. Sometimes a rug is provided. The

student himself provides rug, window curtains, sheets for a single bed, pillow-slips and towels. It is well to note in the college catalog or bulletin description of just what the college provides, and what the individual must furnish. Electric lighting is freely provided in each room. In some institutions there is provision of sufficient current for other electrical devices; it is desirable to make inquiry of the janitor in charge if one wishes to add such equipment. Heat from a central system is freely provided. Sometimes the radiator is automatically controlled by a thermostat set at 68° or other temperature agreeable to the occupant of the room; sometimes the radiator is controlled by a hand valve which the occupant of the room can operate or request the janitor to adjust. Ventilation may be indirect through forced drafts, or direct through doors and windows controlled by the student. Telephone service to each hall is maintained, and in some cases there is a telephone in each room. In or adjacent to every student's room is ample provision of shower-baths and a smaller number of tub-baths, wash-basins with hot and cold water, and other toilet facilities—all included in the accommodations covered by the room rent. In a residence hall there may be also a lounge with library, a breakfast room and occasionally an infirmary.

In men's residence halls, the front doors of which are usually unguarded, it is usual to keep one's room door locked, especially in cities. In women's halls where the entrances of the building are locked it is sometimes the custom to leave open the door of one's own room, except when rest or study requires that one be not disturbed.

In some universities women—especially those studying Home Economics—have conducted cooperative housekeeping dormitories with great success, socially and financially.

In hotels all towels and bed linen are provided. In private houses each room is completely furnished as in a hotel. In the private boarding-house, moreover, provision is made for entertaining guests in the living-room of the house, the college housing bureau being careful to investigate such provision before listing a room. The bureau inquires into the social situation in each private home so that women students may have comfortable arrangements. The college usually does not approve residence of both men and women students in the same private homes.

The cost of accommodations in a college community varies greatly with the region, and its urban or rural character. In making arrangements students must be sure to have an understanding concerning the period for which a room is engaged. A college rents a room for a term, semester, or academic year. Private landlords likewise expect to rent their rooms for a term at least, since many of them are dependent on the rental of rooms, and such rental is not possible a few days after the opening of the college term. In case of dispute it is wise to confer with the official college representative, the head of the housing bureau, or the student's dean.

During vacations it is sometimes possible to make an arrangement with the business office of a college for the occupancy of one's room in a residence hall. Such an arrangement in a college hall or in a private home entails additional rental.

College Unions.—In many of the larger cities in which the number of students has become so great as to create the necessity for providing on a large scale for democratic social activities, the student union has developed. The Cambridge Union (1815) and the Oxford Union (1823) which began as debating societies and developed into fully equipped clubs, in which debating still persists, have been the forerunners of the American college unions. In the club house one finds a lounge, a library, sometimes a cafeteria or dining hall, a barber shop, sometimes a swimming pool in addition to that found in the gymnasium, billiard and pool tables, bowling alleys, game rooms, committee rooms and rooms for dances or other entertainment.

Houston Hall was opened at the University of Pennsylvania in 1896; in 1899 the Harvard Union; in 1901 the Reynolds Club of the University of Chicago. Then followed the Michigan Union (1904), the Illinois Union (1909), Ohio Union (1910), Pur-

due Memorial Union (1912), Case Union, Indiana Union, Michigan Agricultural College Association, Minnesota Union, Iowa Union, Wisconsin Union, Vanderbilt Union, Utah Union, Willard Straight Hall of Cornell University, Stephens Union of California, Rockefeller Hall of Brown, Chase Hall of Bates College.

These with the McGill Union and Hart House of the University of Toronto, one of the most beautiful foundations devoted to this purpose, make up an Association of College Unions. This association has defined a union as "an organization in any college or university whose purpose is to further and promote social activities, membership in such organization being open to all male students."

Women students have similar organizations housed in comfortable, often luxurious club houses. The Woman's League at the University of Michigan and Ida Noyes Hall at the University of Chicago are interesting examples.

In some institutions the Union is open to all students without charge. In others a small annual membership fee is required.

Faculty Clubs.—In cities the housing situation has resulted in the scattering of those who have sought homes at costs within the range of their modest salaries. Partly as a result of the social interests of the professors and partly as a result of an institution's recognition of the importance of having some solidarity among its members a rallying point in the form of a faculty club has been established. The Colonial Club at Harvard, the Faculty Club at Columbia, the Quadrangle Club at Chicago, the faculty clubs at Yale, Johns Hopkins, Stanford, Illinois, Minnesota and Wisconsin. Members of the faculties of other universities are cordially welcomed if introduced by members of the clubs.

Expenses.—There is nearly always a matriculation fee, payable once only, amounting to $5 or $10. Tuition is calculated by the term (semester or quarter), and usually is based on the normal amount of instruction allowed a student. In such cases additional instruction is charged for at a rate announced in the catalog. Some institutions, like Columbia, have established a charge based on the class-hour. State universities usually exact no tuition fee, although some States require the payment of tuition by students resident in other States. Some State institutions, however, require supplementary fees of various amounts and kinds; for example, one State university charges a fee for classroom heat. Laboratory fees are usual in all institutions and depend upon the course carried. In recent years a health fee, covering the charge for medical examination, dispensary service, and for hospital care, has been levied in many colleges. In many also, a student activities fee has been assessed by the institution on request of the students for the support of athletics, publications, and other student interests. In some institutions the separate items have so increased that for the relief of the business offices a single fee covering all the hitherto separate items has been made. In the following pages the principal charges of each institution are specified.

A study of the expenses of women college students was published in 1923 by the College Club of St. Louis, a branch of the American Association of University Women. The average catalog expense (tuition, room and board, and fixed fees) tends to be high at large private institutions, particularly in the East, and low at small private institutions and for residents of the State at State Universities. The range is from $260 to $1,010; the average is $486.04; 55 per cent of the cases are between $300 and $500; 6 per cent below this; 39 per cent above. Average expenses for books and supplies, dues, contributions, recreation and incidentals tend to be high at large institutions and low at small ones, whether private or State; the range is $20.86 to $337.20 and the average is $160.25. This study shows that the total expense varies from $365 to $1,000, and the average (exclusive of clothing and travel) is $577.05.

The living expenses of a student will vary with the community in which he lives. Economists have demonstrated that the cost of living is higher in New York, Chicago, Washington and other large cities than in smaller communities. Each institutional

exhibit contains an estimate of the living expenses of a student. Analyses of student budgets have been made in many colleges, but general conditions are changing so rapidly, and conditions in a country as large as the United States vary so widely that no averages for the whole country will afford a useful guide to the individual student. It is best to consider the estimate made by authorities of the institution in which the student is especially interested.

Awards and Aids.—Scholarships are available in nearly every college. A scholarship is an annual grant of cash or credit, varying in amount from a part of the tuition charge to a sum covering tuition and living expenses, assigned on account of high scholastic attainments. Sometimes such an award is continued for one or more years if the holder maintains a high rank in his studies. Occasionally an institution makes additional requirements, as of high character or financial need.

In many places a scholarship holder is required to render some service to the institution much as a sizar at Oxford used to perform certain services. In American colleges such work takes the form of assisting in a laboratory, marking student exercises, serving as a library attendant or as clerk in an administrative office. Such "service scholarships" are really a form of student employment and many institutions differentiate such awards from scholarships awarded as prizes for high scholastic achievement.

Loan Funds.—The financial assistance of students has always appealed to generous men and women of wealth. The establishment of scholarships and fellowships is the result of this feeling. So is the establishment of a large number of loan funds. These have been very much more numerous in recent years as Americans observing that in theological schools where subsidies have been most numerous and generous, the effect of the subsidies has not been all that has been hoped for, have come to the conclusion that possibly a loan is of greater financial and moral value to a student than an outright grant of money. In the following pages loan funds existing in individual colleges have been mentioned. An incomplete report shows that in 41 of the colleges and universities included in this volume there is annually available for loans to students the sum of $877,826.43. 35 other institutions have loan funds but do not specify the amounts.

In addition to the loan funds established by individual colleges there is a generous and rapidly increasing provision for loans to students of all colleges through the creation of national funds. The Carl Forstman Memorial Foundation, 2 Barbour Avenue, Passaic, New Jersey, aids boys and young men by granting awards or loans, always for a specific purpose.

The Harmon Foundation, 140 Nassau Street, New York, was established by William E. Harmon of New York, who desired to promote the well being of mankind through application of business methods to educational community and philanthropic work. There are four divisions: Playgrounds, Awards for Constructive and Creative Achievement; Social Research and Experimentation; Student Loans. In assisting students to secure a college education Mr. Harmon desires to assist them in such a way as to develop their business responsibility, and indeed to help them establish financial credit. In accordance with the Harmon plan students in 43 colleges received grants amounting to $77,000 in 1926–27. In accordance with the Harmon-College Cooperative Plan in which a college matches the amount granted by the Harmon Foundation and entrusts to the latter the collection of loans, students in 19 colleges received the sum of $17,025. All together students in 62 colleges received loans amounting to $94,025 in 1926–27. Since 1922 the total amount available for student loans has been $314,467 of which the sum of $252,599 has been used. In addition to the aforementioned plans the Harmon Foundation, in cooperation with the American-German Student Exchange, Inc., 2 W. 45th Street, New York, has established a special fund of $4,000 which may be borrowed in sums up to $250, repayments being made monthly beginning one year after a student is graduated or leaves college. Furthermore the

Harmon Foundation has aided colleges to meet their budget by using a deferred tuition charge as in the case of Alfred University. This institution is gradually raising its tuition charge to the point where it will approximate the cost of instruction in the college. A certain part of the tuition charge must be paid in cash; for the balance the college accepts the student's note, which is then discounted through banking affiliations of the Harmon Foundation so that the college can get cash for its present running expenses.

Self-Help.—The democracy of the American College is illustrated in the treatment which all students give to those who work their way through college. Carleton College publishes its policy of including in its student body assisted students up to at least one third of the enrolment. The number of men who are engaged in remunerative labor while pursuing college courses is very large. The college exhibits indicate the percentages of students employed. In some institutions 60% of the men are so employed. A great many men find it possible to earn their board by waiting on the table. Positions affording larger returns are numerous in the larger cities. Reports of the college officers who place student workers show some unusual occupations. Six men at one institution had regular employment as professional pallbearers; an announcer in a broadcasting station received a salary and developed a large circle of unseen friends generous in gifts; one pilot in the air mail service managed to fit a severe flying schedule into his scheme of college appointments.

A few institutions have a cooperative plan like what is called the sandwich plan in England. The student spends a period in the classroom and then a period in the shop, alternating until the end of the year. The University of Cincinnati and Antioch College may be mentioned as illustrations. Somewhat different are the Ford Schools in Detroit, which have interested many students from abroad.

A very large number of students seek employment during the long summer vacation. A liberal interpretation of the regulations of the Department of Labor has permitted foreign students thus to earn money for their expenses.

A report on self-help among women college students (Helen T. Graham, et al, *Self Help for Women College Students*, published by the American Association of University Women, 1634 I Street, N. W., Washington, D. C., 1926) presents the conclusions of a committee of the College Club of St. Louis after considering reports received from 190 institutions:

"While the facts here presented hardly warrant the drawing of definite conclusions, they perhaps embody some practical suggestions to the prospective self-help student. Such a student should probably have at least half her first year's expenses in cash when she starts off to her chosen college, and it is highly desirable that she have an equivalent amount each of the later college years. If she must be wholly, or almost wholly, self-supporting, she will therefore need a well-paid and not too exhausting summer position each year (or a remunerative year intervening in her college course) in addition to what she can earn during the college year, and she will probably need to avail herself of some scholarship or loan fund opportunities as well. She should be certain of good health and ability to handle college work easily, if she plans to carry a full course while devoting much time to self-help. Three hours self-help a day will, in any case, mean that her recreational activities at least will be seriously curtailed, and other things may suffer. In laying her plans she should remember that the advantages of self-help accrue to the student who does a limited amount of it, and that its disadvantages are inherent in undertaking too much of it.

"While these conclusions are probably generally applicable at most of the institutions included in this study, the wide variation between them is more important than their similarities, and it is essential that the prospective self-help student familiarize herself with conditions at the particular college or university she selects. Expenses vary widely, as do opportunities for earning money: at some institutions there are more jobs than workers, at others more workers

than jobs. The rate of pay varies somewhat; the official welcome to the self-help student varies not a little, and not always in the way that might be expected. If she has a taste for business she should choose a college where agencies are not discouraged, for there she will certainly find a fruitful field; if she does not mind housework, she can find work at most of the institutions, while stenography is usable everywhere, though perhaps less in demand than housework. She will probably find herself at home more quickly in a college or university where there are a number of other women students like herself, but in general it will depend on her and not upon her college whether or not she succeeds in combining earning and learning into normal living."

Games.—Athletics, which in the United States includes all sports and not merely track and field events as in England, has passed from the condition of spontaneous unorganized play of individuals fortuitously assembled to a highly developed officially financed and supervised business of winning contests. To begin with, players had no coaching or taught each other; then came the voluntary unpaid service of teachers and alumni; this has been followed by a general use of coaches highly paid for services rendered during the season of a sport. The Middle West, some thirty years ago, showed that the athletic director and coach might well be a member of the faculty. This system gains ground every year. Along with professional coaching came heavy expenses for equipment, fields, grand stands, stadiums, and travel. Competition among colleges in a certain region or of a certain size has led to the formation of athletic associations variously named and sometimes nicknamed "The Big Three," "The Big Ten," etc. These have influenced the development of a spirit of sportsmanship. Especially anything of professionalism is officially disapproved. For an understanding of the popular interest in college sports, it is necessary only to read the "sporting page" of any daily newspaper. For the attitude of many professors toward the stupendous development of athletics in the United States, see the *Bulletin of the American Association of University Professors*, Volume XII, Number 4, April, 1926.

There are major sports and minor sports. The former include football, rowing, basketball, baseball, track and field athletics. The latter include swimming, water polo and water basketball, association football, la crosse, hockey, golf, tennis, rackets, squash rackets, fencing, wrestling, cross-country running, boxing, gymnastics, shooting, and polo. Just as the oarsman of a varsity crew at Oxford is honored by the award of his "blue" the member of an American team is awarded his letter, a large one for a major sport, with certain additional symbols for a captaincy or for more than one year of membership on a team, and for minor sports a smaller letter frequently of different design from the major letter.

Such honors are for the members of teams participating in intercollegiate contests. Intramural sports are sometimes highly developed, the intention being to afford each student an opportunity to participate in some athletic competition. As a part of the health program in most of the American colleges, teams are organized to represent classes, fraternities, dormitories. Out-of-door recreation is general. The Dartmouth Outing Club, for example, is an undergraduate organization of two thousand members. It owns fourteen cabins; the nearest one is two miles from Hanover, the most distant one eighty-seven miles away. These are provided with blankets, mattresses, fire-wood, kitchen utensils, and other essentials of a well-equipped camp, always ready for members of the club engaged in tramping or climbing. Under its direction, moreover, the winter sports culminate in a carnival in February in which contestants from all over New England participate. At Minnesota and at New Hampshire similar winter carnivals afford exhibitions of ice boating, skiing, hockey, and skating. The Dartmouth Bait and Bullet Club has two cabins in the game country for undergraduates interested in hunting and fishing. The Dartmouth Canoe Club owns a score or more of canoes and two cabins on islands in the Connecticut River. Every college has tennis courts, usually hard sur-

face courts; a few have their own golf links.

Indoor recreation includes: billiards, pool and bowling—tournaments in which are provided especially by the student unions; chess, in which a small number of students deeply interested frequently hold telegraphic matches with enthusiasts in other institutions; and cards. American students seem to be chiefly interested in bridge and in poker. There is not much knowledge of skat, so dear to German professors and students. These indoor activities seem to be more subject to transitory enthusiasms than the outdoor sports; the sudden vogue of mah jong has passed as definitely as that of ping-pong. Dancing is a general delight.

The foreign student is welcomed by the American student in his games. In a single institution within a brief period it has been possible to see an Egyptian, a Chinese and a Japanese in a football squad, a Filipino captain of a swimming team, and an East Indian captain of a polo team. In another all four members of the tennis team were foreign students: one Japanese and three South Africans. The enthusiasm of the American student for athletics must be restrained; that of the foreign student must be encouraged, for through participation in these games the foreign student will gain not only the physical condition promoting his health, but the happy social skills which will enable him to effect adjustment to the college community. It is good for individuals to learn team play.

The Yell.—The American passion for organization has brought under subjection even the individual student's desire vocally to express his approbation of a person or deed. In baseball there still prevails the ancient habit of individual comment on a successful play, though such comment seems now to be ordinarily expressed in the cry, "Atta boy!" At football games, however, although a brilliant play will bring any crowd to its feet and to a spontaneous shout of enthusiasm, the cheering has been organized. The vast crowd, already familiar with its partisan yells, is assisted by printed sheets of yells and songs. A "cheering section" of students leads the rest of the assemblage like a choir; and in front of the "rooters" a cheer leader, conspicuously garbed in white sweater and white trousers, conducts the cheer with signs that have become elaborated like a tribal ritual. And the end for which all this machinery exists is the strenuous and tremendous emission of noise in unison—a college yell, which like a hymn or prayer of all the people unites the college and is not without its effect on the players.

Yale undergraduates long since adapted a chorus from the "Frogs" of Aristophanes:

Brek–ek–ek–ek–coax–coax.
Brek–ek–ek–ek–coax–coax.
Brek–ek–ek–ek–coax–coax.
Yale!

Other specimens are:

Rah rah rah!
Rah rah rah!
Rah rah rah!
Harvard!

Ray! Ray!! Ray!!!
Tiger, Tiger, Tiger, sis, sis, sis;
Boom, boom, boom; ah!
Princeton! Princeton! Princeton!

Chi–ca–go! Chi–ca–go! Chi–ca–go–go!
Go–Chica! Go–Chica! Go–Chicago!

Os–kee–wow–wow!
Skin–nee–wow–wow!
Illinois, Illinois!
Y–e–a!

Music.—Instruction in music in the United States is general in the public schools. There is also an enormous amount of private instruction unsupervised, unstandardized, frequently of a frankly commercial character. In the colleges, especially the smaller colleges for women, conservatories of music have long been maintained. Until recently these conservatories, sometimes financed independently of the college, have given little heed to academic requirements for admission and graduation. On the other hand some institutions have organized schools or departments of music of very high character, such as the Yale School of Music.

Advanced students will be interested in the work of the independent foundations—Curtis School of Music, Philadelphia, Pennsylvania, and the Juillard Foundation, 49 E. 52d Street, New York City.

Appreciation of the best in musical literature is fostered not only in the courses of instruction offered by a college, but in occasional concerts and musical festivals. At the University of Chicago, for example, the University Orchestral Association has brought to the institution for a series of concerts the Chicago Symphony Orchestra, conducted by Frederick Stock and assisted by world famous soloists. Even institutions at so great a distance from the homes of symphony orchestras that the transportation of the large number of persons attached to an orchestra becomes a heavy expense, have been able to arrange for such concerts. The University of Michigan, the University of Wisconsin have been notable in the Middle West. Even a city like Spartanburg, South Carolina, removed from the permanent concert centers, has been able, under the leadership of Converse College, to maintain through a long succession of years a festival which enlists such orchestras as the New York Symphony Orchestra, Philadelphia Symphony Orchestra and soloists as famous as Paderewski, Josef Hoffman, and Sembrich. Perhaps the most notable musical festival in a college community is the Bach Festival at Bethlehem, Pennsylvania.

Frequently the college conservatory or department of music in connection with such local musical festivals presents students in symphony orchestras, chamber music quartets, or chorus. Oberlin has a great reputation for such musical endeavor; Northwestern University is noted for the excellence of its A Capello Choir; the choir of St. Olaf's College, Northfield, Minnesota, and the Glee Club of Harvard University under the direction of Dr. A. B. Davison, have won high repute for quality of program and for musicianly singing.

Glee Clubs with allied Banjo and Mandolin Clubs at one time existed in every college. In those institutions in which the organization was social rather than musical not even the inducement of a holiday trip in a special railway carriage from city to city, with attendant dances and dinners, has prevented the decline of the glee club until it has become, in many places, merely an excuse for a photograph of handsome young men in evening dress to be published in the college annual.

The rollicking unofficial musical expression of student life seems to be found now in the innumerable student jazz orchestras, with saxophone players and ingenious masters of cacophony, who manipulate sheets of sandpaper and other articles essential to the happiness of the devotee of jazz. Frequently this finds elaborate and expensive organized expression in the annual productions of student comic opera societies, such as the Mask and Wig of Pennsylvania, the Princeton Triangle Club, the Blackfriars of Chicago, organizations for which students write the book of the play, compose the music, design and make the scenery and costumes, publish the music, manage the other business, play the parts including the female rôles, and sometimes coach the performance, although this is usually the responsibility of a coach hired by the students. The cost of such performances frequently mounts to $10,000 or $20,000. The results are to be looked for in the fun which the participants have—although the amount of work is sometimes heavy—rather than in the artistic musical achievement in composition or performance. The extent to which such organizations have preempted the field of student song in the United States may be gathered by comparing the contents of the Song Book of a university or college having such organization with that of the Scottish Students' Song Book or that of the German Students.

Dramatics.—Students of education know well the extent to which plays were used in the schools and universities of the Middle Ages. The brief Latin plays of Ravisius Textor seem to have been typical; so, too, were all the plays in honor of St. Nicholas, patron of scholars, and the later moralities. It is possible still to find in American colleges Latin and Greek plays, carefully produced under the direction of members of the related departments of instruction. Modern language departments encourage

their students to produce plays in French, Spanish and German. More frequently the members of the English departments encourage the production of plays, classical and contemporary, of high literary quality. Often such productions are made with some attempt at historical accuracy in presentation largely for the purpose of illustrating the history of the theater. Some notable examples of Elizabethan presentations, after the manner of the Elizabethan Stage Society, have been attempted. The women's colleges have been leaders in the development of outdoor pageantry. For these the students have generally written the text, acted the parts, and carried on all other necessary business. There has developed also, especially in those institutions in which some sympathetic member of the teaching staff has aided the students, a notable success in the writing and production of plays. Professor George P. Baker's "English 47" Workshop, at Harvard University, has been the most famous. Professor Baker, now at Yale, has supervised the erection and use of a theater building, erected in 1926 for use of his students in the Yale School of the Drama. At Carnegie Institute in Pittsburgh a beautiful theater is provided as laboratory for students of the drama. At California, Stanford, Chicago, North Carolina, students have long records of creditable activities in their dramatic clubs. For further information, and especially for illustrations of the stagery of these students, see Frederick Keppel: "Play Boy of the College World," *Scribner's Magazine* (Vol. LXXIX, January, 1926), and issues of the *Theater Magazine.*

In all of this fascinating expression of student dramatic interest foreign students have their part. In a single institution young men from India have presented admirably "The Little Clay Cart," Japanese students a play translated by one of their own group, and groups of students from several countries a program called "International Night." Foreign students participate too in the aforementioned activities of their classmates born in the United States. Two Japanese and an Egyptian student have left notable memories of success in American plays and comic operas in an American college. All this illustrates one of the desirable activities for foreign students, the participation with American students in student pleasures. The foreign student will not require the warning American students need, that such activities, if too enthusiastically engaged in, will interfere with college success.

Student Publications.—Student publications in most colleges include a newspaper, daily or weekly, a literary magazine, a humorous monthly or occasional publication, and an annual. The newspaper is managed and edited by students. Both the business and the editorial responsibilities may be very heavy, and the position of business manager or editor is one of great repute among students. The *Yale Daily News*, for instance, is a highly organized journal for position on which there is a spirited competition. In some institutions the newspaper is under the supervision of the School or College of Journalism, as at the University of Missouri, where the student paper, with telegraphic news service as a member of a press association, functions not merely as a university medium, but as a newspaper for the town. College newspapers have joined in the creation of an intercollegiate press association.

In the names of their periodicals students with some humor show appreciation of local peculiarities. At Carnegie Institute the weekly is called *The Tartan;* at Arizona *The Wild Cat* appears twice weekly; the University of Illinois prints *The Illini;* the University of Wyoming each week issues *The Branding Iron.*

The *Harvard Lampoon* is the oldest and best known of student comic publications. Some others are *The Bean Pot* of Boston University, the *Dartmouth Jack o' Lantern*, the *Gettysburg Cannon Bawl*, *The Lafayette Lyre*, *The Mississippi Scream*, *The Iowa Frivol*, *The Utah Humbug*. Those interested in understanding the attitude of the American student will do well to remember that in no field is convention—as to subject and treatment—more established and nowhere does flaming youth more clearly exhibit its desire to be thought naughtier than it really is.

Literary monthlies have existed as academic conventions for many years. Of all of them the *Harvard Monthly* has had the longest life. In most universities literary publications are established by enthusiasts who keep them alive during their residence, but who cannot find in succeeding generations students interested in continuing to do so. Consequently these publications appear and disappear in great numbers. One reason for this lies in the desire of the best undergraduate writers to publish their creations in journals or magazines of national circulation. Besides, the old notion of a literary publication, like that of a literary society, no longer appeals to the undergraduate. Literary expression is found rather in the plays prepared for dramatic clubs, the poems contributed to a national magazine or light verse sent to a favorite conductor of a column in a city newspaper, or serious articles in the *Vassar Undergraduate Studies*, or in some technical journal like the *Harvard Law Review*.

The college year-book is a variety of the annual volume known for generations in England and the United States—a potpourri of art and letters. In the college annual, however, the literary feature has retreated to the back of the book, so that advertisements may be placed opposite reading matter; and art is represented by amateur pen-and-ink illustrations of student pulchritude and professorial ugliness. The chief purpose served by the college annual is to preserve the records of student organizations and individuals in the college during the year. Arizona calls its year-book *The Desert;* Carnegie prints *The Thistle;* the University of Southern California publishes *El Rodeo;* West Point has *The Howitzer*.

The national fraternities publish monthly magazines.

There is no journal which attempts to serve the student community of the country as a whole. In the area of the North Central Association, or that part of it included in the Midwest Conference, an effort has been made on the basis of common interests in athletics. *The New Student* endeavors to give expression to the mind of a liberal minority interested in social, political, and other intellectual affairs.

Literary and Debating Societies.—The late eighteenth-century interest in philosophy and politics, especially in France, found expression in the earliest American colleges in societies devoted to the presentation and discussion of papers. The Society of Phi Beta Kappa itself owes its being to such an interest on the part of young liberals in the College of William and Mary, who, in 1776 adopted the motto, "Philosophy the Guide of Life." Most of the older fraternities now purely social in character were at one time devoted to literary exercises. Distinguished local literary societies also existed. Some of them still exist, as at Princeton, Randolph-Macon, and South Carolina. In general, however, the literary society as such has disappeared. Students exercise their writing ability in their various publications and their skill in speaking they give to dramatics, oratorical contests and debates.

Debating, like athletics, has been the victim of a desire to win. Until recently debating has been a highly technical game with canny provisions for the selection of topics and sides and judges, pursued especially by law or pre-legal students who have desired the opportunity to speak in public and to secure intensive training by the member of the teaching staff who acts as debating coach. Since the war a greater interest in national and international affairs has led to the formation of discussion groups as well as increased amount of conversation, such as has always existed among the serious students of any college who have kept awake most of the night in dormitory and fraternity house arguing the affairs of the world. The influence of the Oxford and Cambridge debating teams just at this time has also been a powerful stimulant to genuine discussion rather than heavy preparation for set speeches of a highly technical kind.

Fraternities.—Early in the history of American colleges students formed societies for literary and social purposes. Secrecy, which has a strong appeal to adolescence, characterized them—secrecy as to name and purpose, membership, time and place of meeting. Greek letters, initials of some

combination of Greek words known only to members, have been used for names. For instance, the society, Phi Beta Kappa, founded December 6, 1776, had for its motto, φιλοσοφια βιου κυβερνητις. The young men who established this organization at William and Mary College issued charters to groups in other colleges. So chapters came into being, all in communication with the Alpha chapter. In time secrecy disappeared in ΦBK; in other societies it amounts at present only to a kind of privacy. It persists in the use of Greek initials and mottoes and the ritual of initiations and meetings.

The development of national fraternities with related local chapters has been a significant social phenomenon in American college life. A full account of all such American organizations for both men and women will be found in Baird's *Manual of College Fraternities*, 11th edition, edited by F. W. Shepardson, 1927. In a few institutions fraternities do not exist. In most colleges, however, they exist with the approval of the collegiate authorities, and cooperate in solving the educational and social problems of members.

The individual chapter selects its own members, competing with other fraternities in securing acceptance of an invitation by a desired person. This competition commonly results in an elaborate series of dinners, luncheons, theater and house parties, which enable the members to become acquainted with the prospective member, and which are intended to impress the latter. This procedure is called "rushing for a fraternity." Occasionally a group favors athletes or writers or students interested in some special field. Usually, however, there is no such limitation but an emphasis upon the vague requisite that a man be good "fraternity material." Forces at work in other subdivisions of society naturally are at work in the election of members to fraternity chapters. Personality is appreciated if not so individualistic as to be incapable of social adjustment.

The person invited to join such an organization is at a disadvantage during the time he is being "rushed." The group is better able to become acquainted with him than he is to know the character of members of the chapter. He is entitled to know not only the facts concerning the general history of the fraternity and its distinguished alumni—facts available in Baird's *Manual* and common to most of the fraternities—but he should be informed regarding the character of the men with whom he will most intimately associate during his college life and after graduation from college; he will wish to learn the scholarship record and such evidence of local repute as may be studied in the college annual; he should know the cost of membership.

The American college fraternity chapter has been primarily social in recent years. Each is an incipient Oxford college without dons. In at least one fraternity an important experiment is in progress, the attachment of a tutor to the chapter. If this movement grows the American college fraternity may solve one of the greatest problems of the American college.

Honor Societies.—Although the English differentiation between Honors and Pass men does not exist in the United States, it must not be supposed that there is no recognition of distinction in college. Honors are assigned to students who attain certain high grades in all their courses and special honors for distinction in the work of a department. In a large number of colleges the highest academic honor is election to the Society of Phi Beta Kappa, which is usually based primarily on the grades attained, with some consideration of other qualifications. Other honor societies to which undergraduates are sometimes eligible have come into being in recent years. They are listed in Baird's *Manual of College Fraternities*. Most of them, however, like Sigma Xi, the principal one after Phi Beta Kappa, are for students who distinguish themselves in graduate study.

Academic Costume.—The academic cap and gown worn by members of the Oxford colleges in term time are assumed by American college students only during the commencement season and are required in many institutions only for the degree ceremony. Therefore it is unnecessary for a student to purchase a cap and gown, although those

who, having official or semiofficial responsibilities as marshals, ushers, or members of a choir, need gowns for many occasions, may desire to buy them. There is provision for rental of appropriate academic costume for the commencement season at a low fee.

The gown of a bachelor is of black serge with long pointed sleeves and, closed in front, covers the garments of the student. The master's gown is of black serge with long closed sleeve slit near the upper part for the arm. The doctor's gown, of silk or serge, is trimmed with black velvet or velvet of the color appropriate to the degree—philosophy, blue; theology, scarlet; laws, purple. It is usual for an institution which confers the doctorate to present a properly designed hood with the diploma. The hood is lined with the colors of the institution conferring the degree and trimmed with velvet of the color distinctive of the degree.

Although the traditional Oxford cap and gown are worn only on ceremonial occasions, American college students have developed among themselves peculiarities of costume or adornment for the purpose of differentiating members of schools and colleges, classes, fraternities, and other organizations. In many places Freshmen are by student custom required to wear small green skull caps with a button of the institution's official color, or of the color appropriate to the school or college in which the student is registered. In some places only Seniors are permitted to wear knickerbockers, as at Princeton, or corduroy trousers and sombreros, as at Stanford. Occasionally, as when lumbermen's jackets are in vogue, a particular pattern will be affected by one fraternity. The athlete entitled to wear a sweater adorned with the letter awarded for prowess as a team member wears his sweater for sports but in urban institutions does not wear it in the classroom. Customs of the colleges vary widely. On the whole in the colleges for women and for men too there is a very conventional attitude toward clothes; only occasionally does student humor suddenly find expression in the adoption of some queer and transient fad, and always it is a group action rather than such an individualistic demonstration as so commonly appears on the left bank in Paris.

CHAPTER III

THE AMERICAN UNIVERSITY

DEFINITION. THE COLLEGE IN THE UNIVERSITY. ADMISSION TO THE GRADUATE SCHOOL. ADMISSION TO CANDIDACY FOR HIGHER DEGREES. REQUIREMENTS FOR THE MASTER'S DEGREE. THE MASTER'S THESIS. THE EXAMINATION FOR THE MASTER'S DEGREE. THE DEGREE OF DOCTOR OF PHILOSOPHY. THE DOCTOR'S DISSERTATION. THE EXAMINATION FOR THE DEGREE OF DOCTOR OF PHILOSOPHY. THE FIRST YEAR OF GRADUATE STUDY. ADMINISTRATION. THE DEPARTMENT. THE PROFESSOR. RESEARCH. LIBRARIES. LABORATORIES. THE UNIVERSITY PRESS. GRADUATE STUDENTS. THE GRADUATE SCHOOL AS A TEACHER-TRAINING INSTITUTION. EXPENSES. FELLOWSHIPS. UNIVERSITY EXTENSION. CORRESPONDENCE STUDY.

Definition.—In the United States a university is an institution of higher learning comprising a college or colleges of Arts, Literature, and Science—historically the first part of the American university to come into existence—and professional colleges or schools of Law, Medicine, Theology, etc., and especially a graduate school of Arts, Literature, and Science. In addition to schools and colleges devoted to instruction and research, the university includes divisions of laboratories, libraries, and museums, and sometimes a university press and research institutes.

Not every institution which calls itself a university measures up to this definition. Just as the founders of the University of Dublin expected that other colleges would be added to Trinity College as the University of Dublin grew, and certainly did not anticipate the fact that Trinity College Dublin would remain the only member of the degree conferring University of Dublin, American optimists have sometimes given the name university to an institution which is, in reality, an undergraduate college about which the founders hoped to develop a university. Many of the institutions entitled university in this volume are colleges rather than universities, so named with that sincere and buoyant hopefulness which characterized the University of Chicago, in 1892, when the Graduate Quadrangle was so named although it as yet had only one side. In this case the four sides were completed in 1926, but in many institutions the base still stands for the completed figure. Some foundations named universities in hope have frankly recognized the title to be a misnomer; of these some have secured new charters in which the institutional name is changed to college.

Of the abuse of the term by correspondence schools and publishing houses it is unnecessary to say anything in this place. The situation is made clear on page 5.

For a list of universities see that of the Association of American Universities in Appendix. The Committee on Classification of Colleges and Universities appointed by this Association has clearly indicated which institutions are members of the Association and which, in the opinion of the Committee, are universities of complex organization, usually with graduate school and certain professional and technological schools.

The College in the University.—Historically the college has been the center about which the American university has developed, except in the case of Johns Hopkins University and Clark University. In many the college is still the most conspicuous part of the institution. The college in a university differs from the independent college only in the spirit which may be developed owing to the relationship of the college curriculum, especially in the third and fourth years, to the work of the graduate and professional schools and to the influence of a large body of mature graduate students in-

spired by university ideals. What has been said about the college in Chapter II, therefore, sufficiently explains the character of the college in a university.

Admission to the Graduate School.—For admission to any graduate school in the Association of American Universities, an applicant must present a baccalaureate degree or its equivalent from an institution on the approved list of the Association of American Universities. A candidate who does not hold such a degree from a recognized institution is always considered on his merits. Such a student will be expected to present to the Admissions Officer of the graduate school the diplomas or other certificates in his possession, and a transcript of the record of his achievement in college or similar institution. Inasmuch as the graduate schools are interested in developing students in some particular field, letters of recommendation from recognized authorities in the student's proposed field, if such letters are based upon personal acquaintance with the student's work and are expressed in specific terms, are especially helpful to university authorities in adjusting a student to his graduate work.

Admission to Candidacy for Higher Degrees.—The American graduate school differentiates between admission to the graduate school and admission to candidacy for higher degrees. It is frequently the case that the holder of a baccalaureate degree has credit for courses in foreign languages but does not possess that facility in the use of languages which may be necessary for the pursuit of investigation in his special field. Before a student is admitted to candidacy it is usual to test his skill in the use of these language tools. Formally or informally, the student's ability to express himself in the English language is tested. Furthermore, it may be required that a student submit to an examination, which may be an informal oral one, to measure the degree of his experience in the special field chosen. Some of the graduate schools which have already felt the pressure of numbers have proposed to select as rapidly as possible those who give promise of success in graduate work by requiring intelligence tests and full records of previous training and professional activities, and by refusing further registration to those who do not qualify for admission to candidacy within a definite period.

Requirements for the Master's Degree.—In the following pages the institutional exhibits give in detail the special requirements for the several Master's Degrees. In general it may be said that the Master's Degree requires graduate study for at least one academic year (nine months). In a few institutions this time may be divided among successive years so that a student may satisfy the requirements by residence during successive summer quarters, or combinations of autumn or spring semesters with summer sessions. In practice, the requirements vary with the departments, even in a single institution. In some graduate schools the minimum period of study is two academic years. Whatever the requirement may be, most students spend more than the minimum amount of time in preparation for the degree.

Although the graduate schools place their prime emphasis upon research and independent achievement in some special field, the graduate faculties in most American universities have carried over into the administration of the highest and most recently organized part of the university some of the educational bookkeeping which has characterized the American college. This is shown particularly in the departmental requirements for the Master's Degree, such requirements being in terms of required courses, both quantitatively and qualitatively. It is usual to require some thirty semester hours of work chosen from courses approved by the departmental representative. Of course, the principle of requiring progressively difficult courses characterizes the administration of the best graduate schools as it does that of the best colleges. In some institutions a course is not counted for the degree unless the student receives a grade B, representing success considerably above that of the student who merely passes. In others the student receives in a course only the grade "passed" or "not passed." In these institutions the quality of

the student's work is tested in the examination for the degree and in the thesis.

The Master's Thesis.—The character of the Master's thesis varies with institutions and departments. In some graduate schools the Master's thesis differs little from the Doctor's dissertation. When this is the case a student intending to qualify for the Doctorate sometimes takes the Master's Degree on the way, presenting for a thesis a section of what ultimately becomes the doctoral dissertation. As the number of candidates for the Master's Degree in American colleges has enormously increased in recent years the conception of the Master's thesis has been modified in certain institutions. A few departments, notably Education and English, have decided not to require a contribution to knowledge but to expect a competent presentation of existing knowledge in the form of a well written essay.

The Examination for the Master's Degree.—The examination for the Master's Degree is a general examination distinct from the final examinations in courses pursued by the student. On the basis of the student's success in his courses as known to the professors in the department, the student is admitted to the examination for the degree. This may be written or oral or both. In some institutions in which certain departments have many candidates for the Master's Degree, searching written examinations are required. In those in which few candidates come up at a given time, the departmental representatives conduct an oral examination. Sometimes a candidate is subjected to a written examination during one or two hours, and an oral examination which lasts not longer than one hour. The examiners include the chairman of the department and all other members of the faculty who choose to attend. In practice, the examiners are for the most part members of the department, those who have had the candidate in their classes. In some institutions it is required that a representative of another department attend the examination and participate in it. The use of external examiners, professors from other institutions, is not common.

The Degree of Doctor of Philosophy.—The degree characteristic of the graduate schools of the United States is Doctor of Philosophy —Ph.D. Influenced in the first place by graduate work in the German universities, those responsible for the rapid development of American graduate institutions have formulated ideals and standards through the Association of American Universities, organized in 1900 by fourteen American institutions with a common interest in graduate study. The time requirement for the Doctorate is not generally a matter of legislation. In practice, however, students rarely receive the Doctorate in less than three years. A great many students take more than three years to prepare themselves not only for the examination but for a notable thesis. As in the case of the Master's Degree, requirements are sometimes stated in the number of courses which must be offered by a candidate, and in the distribution of these courses in a department or departments. Especially a student is required or advised to arrange his work with regard to a Major and a Minor, or Minors, although this is not true of all institutions. In any case, the record of achievement in a student's individual course is important chiefly in enabling him and his departmental advisers to measure the likelihood of his success in qualifying for the degree. The Doctor's Degree is never conferred on account of success in these courses only. Moreover, if a department sets up a minimum number of courses for the student it does so with the distinct understanding that the student must not limit himself to those courses, but must undertake by every possible means to make himself a master of his special field.

This mastery of a special field under the guidance of a particular professor or department may lead the student to undertake research away from the university from which he expects to take his degree. A candidate for a Doctorate in Spanish Language and Literature may be required to spend a year in Spain. A candidate for a degree in Botany may find it desirable to work under the direction of a specially equipped department in another institution for a brief period, or may find it desirable to take advantage of the laboratory provision in a marine biological station in the United

States or abroad. A candidate for a Doctorate in Physics or Chemistry may find it desirable to pursue his investigations in some government bureau or industrial laboratory celebrated in his special field of research. Such migration for the purpose of getting the best available material or guidance is encouraged. It is usual to accept work done elsewhere, provided it has been under supervision of the student's professor, even if it is done in an industrial plant or government bureau. It is usual to require, however, that the last year of residence be in the institution which confers the degree.

The Doctor's Dissertation.—While pursuing studies which will make him master of his subject, the candidate for the Doctorate, as he becomes familiar with the frontiers of his field, will determine those points at which he may successfully press into the unknown. If he can find for himself a thesis subject, by all means let him do so. Initiative is one of the signs of a research worker. The thesis must be agreed upon, however, in conference with the professor under whom he is working. He will find it inspiring and profitable to choose a phase of a problem already engaging the attention of his professor. Having found a subject he is expected to pursue it with all of his power, sacrificing personal considerations to the end that he may discover some truth. Even if the long search proves to be fruitless, a student must not be discouraged. He must find a new subject and pursue it with persistent enthusiasm. When he is satisfied that his research is worth reporting to fellow workers in his special field, he will organize his dissertation, under the constant criticism of his colleagues. The dissertation itself can not be measured in number of words or pages. Examination of dissertations presented in his field by successful candidates is possible because all dissertations are filed in the library of an institution and exchanged for those of other universities. Formerly it was required that the dissertation be printed. The mounting costs of composition and presswork have led many institutions to withdraw this requirement. At present most of the American universities require the deposit of a certain number of typewritten copies of the dissertation. There is a tendency to permit substitution of a printed abstract for the complete dissertation.

The Examination for the Degree of Doctor of Philosophy.—When a graduate student has been admitted to candidacy after satisfying the Dean of the graduate school and the department in which he is working, that he is able to use French and German, or whatever foreign languages may be required, that he can express himself proficiently in English, and that he has exhibited to departmental representatives while pursuing graduate courses promise of success in independent investigation, and when he has attained a mastery of his subject satisfactory to his department, and has presented a dissertation representing not only serious study of existing knowledge in his field, but an actual contribution to the knowledge of the world, he is allowed to come up for his final examination. In some institutions this is given in two parts. The first part may be a written examination intended to test the extent of the student's familiarity with his general subject. If he passes this he may be allowed to present himself for the final examination. This ordeal normally takes three hours. The examiners may be any members of the graduate faculty, but in any case those members of the department who have been responsible for training the student. In some institutions and in some departments the examination is conducted with great formality, cap and gown being required. In other cases the chairman of the department has been known to use every possible means to set the candidate at his ease, contributing to the informality of the occasion by providing a box of cigars to be smoked during the examination. It is customary for each examiner to press question after question for the purpose of testing the extent and depth of the candidate's knowledge of parts of his subject. Representatives of other departments are at liberty to participate and usually do ask questions of a general character. Some departments make a special point of the defense of the thesis. In general, however, this part of the examination, which has been conspicuous in the

program in the European universities since the Middle Ages, has already been met in conferences during the preparation of the thesis. Obviously a sound and well developed thesis which has survived the long continued criticism of members of the department is a very important factor in the recommendation of a candidate for a degree.

The First Year of Graduate Study.—In selecting a graduate school, the student, having determined his department, will seek first a famous teacher. At once the problem arises, will the great man be accessible to a first year student? Who will actually instruct the graduate student in his early work and guide him into a special field for investigation? The accessibility of the famous investigator is affected by the character of his own investigation, and by his teaching obligations. The teaching load which is so important in colleges is even more important in the graduate school. Success in research and teaching inevitably brings about a heavy registration of students. A graduate course, and especially a seminar, to which, of course, first year graduate students are not usually admitted, must have a membership which permits personal direction of students by the professor. Already in American graduate schools the registration in some departments is so heavy that it has been necessary to organize the departmental staff so that the famous teacher may supervise through competent assistants. A distinguished scholar can inspire in all his colleagues—professors and graduate students alike—zeal for scientific research and enthusiasm for recruiting true researchers.

Administration.—The graduate school of Arts, Literature and Science has a separate organization in most American universities. The graduate faculty ordinarily is made up of those members of the teaching staff who give at least one half their time to graduate instruction or the direction of research. The executive officer of this faculty is the Dean of the graduate school. Usually the administration of admission requirements is entrusted to the examiner or admissions officer in charge of such matters for the entire university; only special problems are laid before the Dean or faculty. Many of the responsibilities carried by a college Dean are naturally assumed in the graduate school by the chairman of the department in which the student is working, notably that of giving advice concerning studies. The student will do well, however, to keep in touch with the Dean's office for the purpose of making sure that all credentials and other documents necessary in connection with his admission to candidacy are promptly filed for consideration by the graduate faculty.

The Department.—Graduate students in American universities are related to departments. Each department has great pride in the success of its own members, professors, former and present students. In the course of years the departmental organization has become very strong, and departmental pride very sensitive. Against the narrowing effect of this departmental organization certain institutions have undertaken definite measures by encouraging coordination of scholarly effort. Allied departments frequently meet as groups: Social Science, Languages, Earth Sciences, Biological Sciences, etc. Some notable achievements in research have been the result of such interdepartmental cooperation; for example, in the departments of Geology, Astronomy, Physics, and Mathematics.

The Professor.—The factor which chiefly determines the selection of a graduate school is the professor under whom a student desires to study and pursue investigation. The training and experience of such a university officer is even more important than that of the college teacher. Ordinarily the person sought will be known to the graduate student because of his contributions to the literature of his subject and the reputation gained by his scholarly achievements. If such a professor is unknown, however, his value to a graduate student may be estimated by various criteria. In the first place, his academic training is important. What was his college? Who were his teachers? What were his college honors, like membership in Phi Beta Kappa and other scholarship awards? Even more important is his graduate training. What was the institution in which he pursued his graduate study?

Who was the professor under whom he took his degree? It is common to characterize a teacher or investigator as "one of Kittredge's men," "one of Dewey's doctors." Degrees are significant, as are Fellowships held before and after taking the doctorate. Such teaching positions as may be listed in the annual catalog of a university, or in *Who's Who in America* will also suggest a man's value to the student. The character of the institution in which he has taught is important, and may be determined in ways mentioned elsewhere. Sometimes experience outside of the academic world contributes to the effectiveness of a professor. A teacher of Economics whose special field is Labor may have been chairman of a Trade and Arbitration Board of the Men's Clothing Industry, or an expert in charge of investigations for a United States Immigration Commission. A man's war service might have direct bearing on his special qualifications: he might have been Director of Industrial Relations of the Emergency Fleet Corporation, or as a physicist or chemist might have conducted significant research in his own field as his contribution to the national defense. Membership in learned societies, especially official position in such organizations, membership in foreign academies, receipt of distinguished honors like the Nobel Prize, aid a student to understand a man's reputation. His general training and teaching experience can be found in *Who's Who in America*, the annual catalog of his university, and in case of scientists, in *American Men of Science*. In the last named volume asterisks indicate the names of those whom their colleagues have voted the most distinguished scientists in their fields.

The research achievements of the professor are even more important than pedagogical skill or care in guidance. The spirit of the American graduate school is not unlike that of the universities of Germany: The entire strength of the professor and of the student is devoted to search for truth, the recruiting and training of scientists being secondary. Research achievement is indicated in part by book titles and in character of journals including contributions. Publications, however, are not always a test. Departments vary with respect to practice in the attribution of credit for research. In some departments and in some institutions a professor, although he may have made notable contribution to an investigation while guiding his young colleague, may insist on publication of a report under the name of the graduate student; in other instances it is the custom to publish the article under the names of both the professor and graduate student. Men, moreover, have been inspiring investigators and leaders in research through the direction of their students rather than through publication of their own achievements.

Research.—Research of the kind which interests the universities of the world has the earnest support of American wealth as well as of scholarship. Announcement of large gifts to universities, institutes, and associations for the encouragement of research are frequent. Research funds are not usually reported as such in university budgets, but included in the amounts allowed to departments. In the university a professor's responsibility to engage in research is emphasized. The President's Annual Report sometimes includes a statement, Research in Progress. In addition to the reports on such investigations by members of the permanent staff, there is occasional publication of the projects of graduate students, and always there is announcement of the titles of dissertations presented by candidates for the Doctor's degree. The National Research Council compiles annually a list of the degrees conferred in the sciences by American universities. The National Research Council, the Association for the Advancement of Science, the Association of American Universities, and other bodies have encouraged the spirit of research not only in the graduate school, but in the colleges where most of the Doctors of Philosophy find themselves teaching. Fellowships for Doctors of Philosophy qualified to continue research are provided by the Guggenheim Foundation, Rockefeller Foundation, the National Research Council, and other agencies.

Research institutes in which members of the staff, relieved of responsibility for

teaching, give all of their time to research have been created. One of the earliest and perhaps the best known is the Rockefeller Institute in New York City. Others are the Wistar Institute of Philadelphia, the Mellon Institute at the University of Pittsburgh, the O. S. A. Sprague and the McCormick Institutes in Chicago, the Institute of Economics and the Institute of Government Research in Washington. Definite expression has been given to a fear that these institutes without responsibilities for instruction may unfortunately influence the training of the best type of research worker in that some of the best investigators and teachers may be drawn away from the recruiting and training of new researchers by the opportunity for prosecuting uninterruptedly their own researches. Partly in consequence of this feeling some institutes have been associated with universities; the Oriental Institute of the University of Chicago, The Mellon Institute at the University of Pittsburgh, etc.

In Government bureaus like the Bureau of Standards in the Department of Commerce, and many bureaus of the Department of Agriculture, and in many industries, a great amount of genuine research is in progress.

Cooperation in research so conspicuous during the Great War is encouraged through the National Research Council and the Council of Learned Societies. Although research probably must always be more or less the activity of an individual of genius, it is less individualistic in the United States and Canada than in some countries where research is primarily valuable as a means to promotion in a State system. Cooperation in research during the war showed men how to sacrifice self for the sake of the discovery of new facts. During years of peace Americans have been learning to work together for the same high purpose.

Libraries.—In choosing a graduate school a student of the humanities will be especially interested in the character of accessible libraries. In the following pages will be found the total number of volumes in each university library, together with the number of periodicals currently received. For the significance of these data see Chapter II. Particular reference is made in Chapter VI to special collections in the possession of universities. The library becomes of supreme importance after the candidate's special field and thesis subject have been determined. It is to be remembered that the Library of Congress (see Appendix) generously offers an opportunity to secure works not in the local library. With certain limitations this exchange operates among the university libraries. Students will desire to know community resources, which in the case of Washington, New York, Boston, Philadelphia, Chicago, Los Angeles are notable. Attention is called to the *Special Libraries Directory,* described in Appendix. In addition to the collections of books graduate students will be interested in the provision of cubicles, desks in the stacks, or reading-room space; such provision is of course limited, and must be considered in relation to the number of graduate students desiring such facilities.

Laboratories.—The scientist is more important than his test-tubes and balances. Costly equipment is not in itself a guarantee of full and wise use of that equipment. Moreover, some ingenious scientists have achieved success in research with meagre facilities. Nevertheless it is useful for the scientist, even the college student of science, to know the character of equipment available for his study and research. This may be gauged in part by the building used for laboratory purposes, its cost and date of erection being in general significant for the convenience and completeness of its planning. The extent of the curriculum and the number of persons served by the building and equipment must always be kept in mind. Trinity College, Hartford, Connecticut, erected in 1888 the Jarvis Laboratory Building devoted to Chemistry and Physics at a cost of $59,729.62. The Baker Laboratory of Chemistry of Cornell University was erected in 1923–24 at a cost of $1,800,000. Obviously, one may suppose that the provision of laboratories at Cornell will accommodate a larger number of persons than the building at Trinity, and that the larger expenditure in a recent year has a relationship to the extent of laboratory arrangements

for advanced study and research. Of course the smaller building of earlier date, doubtless frequently remodeled, may be entirely adequate for the number of students it serves and the laboratory work offered. The cost of equipment is likewise significant. The value of scientific equipment in all departments of the University of Illinois, June 30, 1926, was $1,500,000. The scientific apparatus, machinery and other equipment of Massachusetts Institute of Technology was $2,166,862.93. It is interesting to observe the relative cost of building and equipment in various scientific departments, to consider the relationship of laboratory equipment to the staff and students of the department and the curriculum offered. It has not been possible in this book to include a detailed account of the laboratories in all institutions. Such descriptions appear in the catalogs and circulars of the graduate schools. These publications mention also funds available for the purchase of laboratory equipment needed for any special investigation. The figures given in this volume merely raise questions which can be fairly answered only by securing additional facts from the catalogs and Presidents' reports.

The University Press.—The University Press as an adjunct of scholarly research and instruction has been a notable development of the last forty years. In some institutions the press is a publishing organization which uses the printing facilities of some commercial printing house. In others the university press not only publishes but composes and prints its own books and journals. The most notable university presses are: The University of Chicago Press, Yale University Press, Princeton University Press, Columbia University Press, Johns Hopkins University Press, The University of North Carolina Press, Harvard University Press. The presence of such an organization has been found a genuine aid to scholarly productivity. Graduate students, like permanent members of the staff, aspire to have their research published by the university press, either in books or in learned publications issued at the institution. Those journals which are published or edited at each institution are listed in Chapter VI.

The Graduate Students.—The character of the graduate student body is an important consideration. Requirements for admission to the graduate school are such as to make it possible that in the larger institutions there may be two general groups: Those interested in continuing work not unlike that begun in the third and fourth years of college or work which may be recognized by the authorities of a school system which accords promotion and increase in salary to those who undertake a certain amount of work "leading to a Master's degree." Among these, of course, will be some genuinely interested in research. On the other hand, the presence of a large body of such students interested primarily in individual advancement in general culture or position or salary, may interfere with the full use of libraries and laboratories by advanced graduate students. It is important, therefore, to note the registration statistics in departments which interest the prospective student. These may be found in the President's Annual Reports. It is particularly desirable to make sure that the number of students in a given department is not too great for the available facilities, library, laboratory and teaching staff. The character of the student body may be determined from the geographical tables which show local, national, and international demands for opportunities. Usually the annual report of the Dean of the graduate school or the Register of Students printed in the college catalog shows the institutions from which graduate students have received baccalaureate degrees. Obviously, a graduate student desires to associate with those who have been prepared at the best colleges. It must be remembered, however, that from the less well equipped colleges there may come occasionally a very high grade individual. The graduate schools generally prefer to receive a first-rate man, even if he is a graduate of a second-rate college, rather than a second-rate man from a first-rate institution. In some reports additional information may be found concerning ages, professional experience, number of married students, etc. Migration of graduate students is naturally commoner than migration among undergraduates. The graduate stu-

dent, interested in pursuit of a subject, has always sought the master of that subject in whatever institution he may happen to be, or special facilities for the investigation of the subject wherever these exist, in the United States or abroad.

The Graduate School as a Teacher-Training Institution.—Although every graduate school, and especially every department, has for its ideal the training of competent research workers, the exigencies of the modern educational organization lead to the enlistment for the teaching staff of some college or university of most of the Doctors of Philosophy graduated by the higher institutions. The colleges and more recently the universities themselves are deeply interested in the proper training of those who must be not only masters of their subject and skillful independent investigators, but competent teachers. At present candidates for the doctorate frequently have an opportunity to teach elementary courses in their own department, sometimes under the supervision of senior colleagues expert in teaching. Indeed, the assistantship which affords a graduate student some financial aid in return for a specified amount of teaching is a well recognized form of both financial subsidy and teacher training. Each department is glad to have its promising candidates present papers at the annual meetings of the appropriate learned society. Attendance on these annual meetings and especially participation in them is recommended to all graduate students. Indeed, such annual meetings sometimes take on the appearance of an academic fair in which professors proudly put forward their best students for evaluation by other professors possibly interested in securing staff members. Of great importance also to the student desiring an appointment, especially in a university, is contribution to the literature of the subject in the form of books, monographs, or articles in one of the scholarly periodicals. Training in subject, publication, some teacher training as in an assistantship, comparable to the interneship in Medicine, as well as personal qualifications are of special interest to appointing authorities.

Expenses.—Tuition in graduate schools of Arts, Literature and Science is very much lower than in colleges or schools of law, medicine, and engineering. The estimates of living expenses made in the following pages apply to graduate as well as undergraduate students. In some universities residence halls are provided for graduate students. The beauty and convenience of the Princeton Graduate Quadrangle is famous. In some institutions, Columbia and Chicago for instance, there is provision of appropriate living quarters for married students. Although the social environment of the graduate student is not a primary interest of the graduate school authorities, who have indeed assumed the German attitude toward such provision for students, some institutions have provided not only dormitories and apartments, but have encouraged the formation of social organizations among the wives of married students — University Dames—and in some cases have provided, in connection with the kindergarten and elementary schools of the school of education, nursery schools which admit the children of graduate students on equal terms with those of members of the faculty, and have provided graduate clubs like the student unions of the undergraduate.

Fellowships.—In every graduate school in addition to graduate scholarships, which usually include a stipend equivalent to the tuition fee, there are fellowships which carry awards varying from the amount of the annual tuition fee to $1,500. A few post graduate fellowships amounting to $3,000 are available for those who already have the degree of Doctor of Philosophy. The general exhibit of each university indicates the number of fellowships and scholarships available. Full information about those of each institution will be found in the circular of the graduate school, and in special bulletins describing fellowships, scholarships, and other awards and aids. In all institutions represented in the Association of American Universities applications must be received before March 1; awards are announced April 1. Each institution issues its own application form, which may be secured without charge from the Dean of the graduate school. Awards are made on nomi-

nation of each department after consideration of pertinent information such as previous academic training, evidence of ability to handle the tools of graduate work (especially foreign languages), publications or unpublished reports of original investigation, specific letters of recommendation from professors under whom the candidate has previously studied or pursued research, teaching experience, and plans for independent research in the chosen field. In some graduate schools it is still the practice to expect fellows to render some service as assistants in laboratory, library or elementary classes. The present tendency, however, is to require no service of those appointed as fellows, and to afford additional aid to others through the establishment of assistantships which afford a graduate student an opportunity to earn a moderate stipend in return for some teaching in a special field. Such assistants in the work of the university are likely to find the burden of instruction interfering somewhat with progress in their graduate work. Some professors disapprove such a program except in cases of sheer financial necessity, favoring rather a resort to loan funds which have been established in most institutions for the encouragement of such students. This is particularly true in schools of business, engineering and law, fields in which graduates are likely to earn adequate salaries soon after graduation.

University Extension.—Many institutions in the desire to serve their communities have afforded educational opportunities to persons not able to become regular students. Most of this effort is a form of Adult Education, and has been the subject of recent study by the Carnegie Corporation. Five studies were published in 1926 by the Macmillan Company: A. L. Hall-Quest, "The University Afield"; J. S. Noffsinger, "Correspondence Schools, Lyceums, Chautauquas"; N. Peffer, "New Schools for Older Students"; O. D. Evans, "Educational Opportunities for Young Workers"; and a study by the American Library Association, "Libraries and Adult Education."

The State Universities have highly developed University Extension Divisions with separate teachers and administrative staffs. They offer vocational service especially in agriculture and engineering, improvement of rural home life through home economics agencies, aids to health conservation, civic improvement, and especially public school betterment. This service is rendered through systematic group instruction at centers outside of the university community, by late afternoon and evening classes, schools for Scout Masters, Athletic Coaches, Social Workers and institutes for Citizenship Training or Leadership; systematic individual instruction through correspondence courses; general and technical information service. A full account is given in "The University Afield"; some indication of the activities of individual institutions will be found in the institutional exhibits in Part II.

Correspondence Study.—An interesting phase of adult education in the United States is the immensely developed business of offering courses by correspondence. In an effort to help coal miners in a district of Pennsylvania to assure their own greater safety and added skill in mining coal, a newspaper conducted in its columns lessons for coal-miners. Out of this grew the International Correspondence School of Scranton, Pennsylvania, a private corporation offering courses for persons who have had at least an elementary or secondary education, and who wish to receive technical training in some vocational field, but not offering degrees. In 1891 when Dr. William Rainey Harper became president of the University of Chicago he included in his plan for the new institution a division which should offer courses exactly the same in content as those offered in residence, courses conducted by regular members of the university faculties who themselves organized the lessons, read the papers prepared by students, set the examinations and assigned credit for the work done. To a limited extent such work was accepted in satisfaction of requirements for baccalaureate degrees; but no degree was conferred for work done by correspondence only. Conservatively administered by reputable universities, the correspondence study system has grown especially in connection with the extension work of the land grant colleges.

The student abroad who desires to undertake correspondence study should remember that remoteness may make such a program inadvisable because of the inevitable loss of time in sending lessons a long distance to a teacher and awaiting the receipt of corrected papers before undertaking the preparation of the next lesson. Especially he should remember that the courses are valuable in themselves, but by most institutions not recognized as qualifying for any degree.

CHAPTER IV

THE FOREIGN STUDENT IN THE UNITED STATES

UNITED STATES IMMIGRATION REGULATIONS. SOURCES OF INFORMATION IN OTHER COUNTRIES. HELPFUL AGENCIES IN THE UNITED STATES. PREPARATION OF EDUCATIONAL CREDENTIALS. IMPORTANCE OF MASTERY OF ENGLISH SPEECH. ARRIVAL AT AMERICAN PORT OF ENTRY. STANDARD TIME. TELEGRAPH AND POSTAL ARRANGEMENTS. TRAVEL: DISTANCES, COSTS AND CONDITIONS. CLIMATIC CONDITIONS AND CLOTHING. FOOD. LODGING. FUNDS: THEIR PROTECTION AND EXPENDITURE. SELF-HELP. SCHOLARSHIPS FOR FOREIGN STUDENTS. VACATIONS. ORGANIZATIONS OF STUDENTS FROM ABROAD. UNIVERSITY OFFICERS AND FOREIGN STUDENTS. SOCIAL RELATIONS OF THE FOREIGN STUDENT.

A foreign student desiring to study in a university of the United States must first satisfy the American Immigration authorities. The Immigration Act of 1924 provides for admission to the United States on a quota basis. The Act provides, however, for certain non-quota immigrants of which the following paragraphs of Section 4 are important for students desiring to enter the United States for a period of study:

"*Section* 4. When used in this Act the term "non-quota immigrant" means: (c) An immigrant who was born in the Dominion of Canada, Newfoundland, the Republic of Mexico, the Republic of Cuba, the Republic of Haiti, the Dominican Republic, the Canal Zone, or an independent country of Central or South America, and his wife, and his unmarried children under 18 years of age, if accompanying or following to join him;

"(d) An immigrant who continuously for at least two years immediately preceding the time of his application for admission to the United States has been, and who seeks to enter the United States solely for the purpose of, carrying on the vocation of minister of any religious denomination, or professor of a college, academy, seminary, or university; and his wife, and his unmarried children under 18 years of age, if accompanying or following to join him; or

"(e) An immigrant who is a bona fide student at least 15 years of age, and who seeks to enter the United States solely for the purpose of study, at an accredited school, college, academy, seminary, or university, particularly designated by him and approved by the Secretary of Labor, which shall have agreed to report to the Secretary of Labor the termination of attendance of each immigrant student, and if any such institution of learning fails to make such reports promptly the approval shall be withdrawn."

"*Section* 15. The admission to the United States of an alien excepted from the class of immigrants by clause (2), (3), (4), (5), or (6) of section 3, or declared to be a non-quota immigrant by subdivision (e) of section 4, shall be for such time as may be by regulations prescribed, and under such conditions as may be by regulations prescribed (including, when deemed necessary for the classes mentioned in clauses (2), (3), (4), or (6) of section 3, the giving of bond with sufficient surety, in such sum and containing such conditions as may be by regulations prescribed) to insure that, at the expiration of such time or upon failure to maintain the status under which admitted, he will depart from the United States."

Non-quota immigration visas are issued by consular officers of the United States on satisfactory proof that the applicant is entitled to be approved as a non-quota immigrant. It is most important that the consul be consulted as soon as possible, because Immigration regulations are changed from time to time, and the effort to simplify and expedite the work of the Bureau of Immigration leads to changes in practice. It is to be noted, moreover, that consuls, and not ambassadors and ministers, issue visas.

According to Section 4, paragraph (e), the student must designate the "accredited school, college, academy, seminary, or university," and the institution named must have the approval of the Secretary of Labor. The student must as soon as possible submit his credentials to the registrar of the institution he desires to enter. This university officer will pass upon these credentials, and if they are acceptable, will so indicate in a letter to the applicant. This letter should be shown to the consul at the time of application for a visa as a non-quota immigrant student.

Migration from one college or university to another is permitted provided the receiving institution is one approved by the Department of Labor.

Many cases have arisen of persons in possession of non-quota student visas desiring to remain in the United States permanently. Students are warned that the Department of Labor does not permit change of status while the student is in the United States. To secure such a change, the student must leave the United States and secure a new visa from a United States consular officer abroad. This regulation is necessary to protect those who in good faith while still resident abroad apply for inclusion in the quota. If a student therefore expects to remain permanently in the United States, he ought, while in his native land, to make early application for inclusion in the quota from his country.

It is to be noted that a student born in the Dominion of Canada, Newfoundland, Republic of Mexico, Republic of Cuba, Republic of Haiti, Dominican Republic, the Canal Zone or an independent country of Central or South America is a non-quota immigrant, and that his wife and his unmarried children under eighteen years of age if accompanying or following to join him are admitted in the non-quota group.

Sources of Information in Other Countries.—For specific information not here presented, the student abroad will be wise to apply to one of the following officers. The first authoritative source of information must always be the American Consul. In Paris the Director and Associate Director of the American University Union, 173 Boulevard St. Germain, will gladly answer questions concerning American higher education. The American University Union in Rome is in the Palazzo Salviati, Corso Umberto I. The office of the British Division of the American University Union is at 50 Russell Square, London, W. C. 1.

Helpful Agencies in the United States.—In the United States, the Institute of International Education, 2 West 45th Street, New York City, is the office which deals with individual cases. In New York City also, the Committee on Friendly Relations Among Foreign Students, Charles D. Hurrey, Secretary, 347 Madison Avenue, is likewise ready to aid incoming students. A similar service is rendered women students by Miss Anne Wiggin, National Young Women's Christian Association, 600 Lexington Avenue, New York. If a student entering the port of New York will notify in advance any of these offices, naming the boat on which the student travels, the approximate date of arrival, and the class in which the student is traveling, every effort will be made to meet him and assist him in completing his entry. It is especially important to take advantage of this service because, as in all ports of the world, porters, taxicab drivers and such may be predatory rascals. Moreover, in case of difficulty, the Institute of International Education or Committee on Friendly Relations may be of assistance in assuring proper and prompt presentation of cases before the Commissioner of Immigration. In San Francisco, W. H. Stallings, International Secretary, University Y. M. C. A., Stiles Hall, Allston Way, Berkeley, California, gives similar friendly guidance. Students arriving at that port should advise Mr. Stallings of the name of their steamship, probable date of arrival, and class of travel.

Preparation of Educational Credentials.—If the information in this volume is not sufficient to enable a student to choose an institution of higher education, let him write to the administrative officers named herein, requesting circulars or bulletins of information, time schedules for the ensuing year, and application forms to use in seeking ad-

mission. On receipt of this material from different colleges the candidate should select an institution and submit his application with properly authenticated copies of his credentials. These may include diplomas or certificates of achievement, together with catalog of the institution formerly attended with indication therein of what the student's curriculum has been in satisfaction of the degree requirement. A letter from an educational authority known to American education officers will be helpful if it specifically shows the scope of a student's work and the quality of his achievement, not in technical terms like American semester hours and grades, but in language clearly understood by any intelligent person.

Importance of Mastery of English Speech.—Mastery of the English language, not only for the perusal of books but for the hearing of lectures and for writing the frequent reports on reading usual in American institutions, as well as for making the necessary oral reports, is essential. College Entrance Board Examinations are now conducted in many countries. Success in the English examination, even if not required of graduate or other advanced students, will doubtless convince both university and immigration authorities of the ability of a candidate to profit by residence in an American university.

Professor Yoshi S. Kuno of the University of California has made the following recommendation to American colleges and universities:

"1. An English selection of approximately 1,000 words, taken from some magazine or book, and dealing with a current topic, technicalities being purposely avoided, should be read slowly to the students at least twice; a short lecture on some simple subject should be given very slowly and then repeated. The students should be permitted to take notes during the second reading.

"2. After the reading or lecture is finished, the students should be required to write the substance of what they have heard in their own English. Both their notes and the completed compositions should be handed to the examiner.

"3. An oral interview should then be held with each individual, or in case the examiner prefers, the group may be examined together, each student being asked questions to which he must make oral reply.

"By thus testing a student's ability to understand, to write, and to speak English, it may be determined whether he is prepared to attend with benefit, university classes in which English is used as the medium of instruction."

The authorities of American graduate schools appreciate the point made by Mr. K. C. Lu in an article called "A Chinese Student's Life in Japan," *Chinese Christian Student*, Vol. 1, No. 7, May, 1926, page 2.

"When my college professors asked me what kind of students they should have, I told them to get those who knew just enough Japanese to understand the examination questions, and no more. On the other hand, they should know the fundamentals about mathematics and general sciences since our college is a technical one. My recommendation was taken, and the result was very satisfactory—there was always a Chinese student among those on the honor list of that college. The reason is indeed simple. A student who stays in Tokyo long enough to speak good Japanese and yet fails in several entrance examinations is certainly worth no consideration as a representative Chinese student."

Of course the competitive system of admission to Japanese universities makes this especially true of the case of foreign students in Japan. To a degree, however, the principle holds in the United States for students whose mother tongue is not English. Mastery of English which indicates long elementary practice in the language with perhaps concomitant elementary instruction in other subjects is less to be desired than distinguished intellectual efficiency with adequate control over English as a tool. This last should be attained in the home land and advanced during the summer months in the United States so that the student will be ready for his advanced work in the autumn. It might be well to secure in advance one or two source books used in an American class so that the reading required may be appreciated to some extent.

Just as an American student expecting to work in the Sorbonne is wise to spend summer months in one of the French provincial universities which offer vacation courses in the French language and literature, so that he may quickly and effectively adjust his ear and tongue to the spoken language when he goes up to the Sorbonne in November, a student whose native tongue is not English will be wise to arrive in the United States early enough to undertake work in English during the summer quarter so that he will be fairly proficient in hearing and speaking English when his university work begins.

Arrival at American Port of Entry.—On arrival at port of entry, students must pass the Immigration and Customs Officers. Passports and other credentials will be shown to the former. For the latter a full declaration of dutiable articles should be made. Prohibited and dutiable articles are named in the declaration forms issued on the steamship. The list may be examined at any consulate.

Standard Time.—Eastern Standard Time, which is five hours earlier than that of Greenwich, prevails through the States of the Atlantic border. Central Time is one hour earlier, and prevails from Ohio to Kansas. Mountain Time is still earlier, and one hour earlier yet is Pacific Time. When it is noon at Greenwich it is 7:00 A. M. in New York; 6:00 A. M. in Chicago; 5:00 A. M. in Denver; and 4:00 A. M. in San Francisco.

Daylight Saving Time, known as Summer Time in Belgium, France, Great Britain, Holland, and Spain, is one hour earlier than standard time. It is adopted locally. Not all communities use it. New York and Philadelphia have daylight saving time; but in the same area Washington and Baltimore do not. The railways operate on standard time.

Telegraph and Postal Arrangements.—Telegraph offices are not associated with postal stations in the United States. Branch offices will usually be found at hotels and railway stations. When one has a telephone, he may telephone his telegrams and have the charge included in the monthly telephone bill.

Mail should be addressed to a definite address rather than to General Delivery (Post Restante): the university, one's bank, or one's lodging. It is important that each envelope bear a legible street address and a return address. The order of words in a mail address is the same as in Great Britain and different from that used in some European countries: Name of addressee, number of house, name of street, City, State, Country. Stamps may be purchased at a branch postal station or from a vending machine at newsstands and drug-stores. Letters may be posted at the green boxes on street corners, or in those to be found in office buildings and hotels.

The boxes painted red, white and blue are for air mail only. A special stamp is required for letters to be sent by air mail. Important letters may be registered at branch post-offices. Immediate delivery of letters on receipt at post-office, even on Sundays or holidays, may be secured by "Special Delivery," which requires a special stamp costing ten cents. Packages for parcel-post, much used by American students who send their clothes home to be laundered, must be deposited at branch postal stations. City newspapers regularly announce arrival and departure of foreign mails and domestic air mail.

Travel: Distances, Costs and Conditions.—Travel in the United States is expensive because of the long distances involved. From New York to Boston the distance is 232 miles, traversed by the best trains in 5 hours. It is 909 miles from New York to Chicago, and requires 18 hours on the fastest trains. From Chicago to New Orleans the distance is 930 miles; to Minneapolis, 408 miles. From Chicago one can reach San Francisco, a distance of 2,271 miles, in 68 hours. The cost of railway transportation approximates 3.6 cents a mile. To this must be added, in case one is traveling on certain of the fastest and most luxurious trains, an "extra fare" and the cost of Pullman accommodations. But it is not necessary to use the swiftest and most elaborate trains. Pullman cars are attached to many of the slower trains. These are of two types: the parlor car, in which a num-

bered chair is reserved for the holder of a parlor-car ticket, purchased in advance; and the sleeping-car, comprising private compartments and, more numerously, sections which during the day afford comfortable seats and which at night are made up into lower and upper berths, the latter somewhat less expensive than the former. After making one's toilet for the night in the wash-room, to be found at the end of the car —for women at one end, for men at the other—one removes his boots or shoes and leaves them on the floor beside his section, where he will find them again in the morning after the Pullman porter has polished them. Then one climbs into his berth, the upper one by means of a ladder brought by the porter when summoned by a push-button; and there in constricted quarters and with such privacy as a heavy curtain affords, one dresses for the night, placing clothes on the coat-hangers, and hooks, and in the hammocks provided for the purpose. Purse and watch and other valuables, even if hidden for the night, will not be left behind if stuffed into a stocking to be worn the next day. The Pullman porter is on guard at all times when the train is stationary, and precautions are taken to protect passengers. Nevertheless, the company gives warning that property is taken into the car at the owner's risk.

Of course it is possible to use day coaches in traveling all night. Because of the dimensions of the seats, however, it is not possible to lie down comfortably as in a train in Europe. There is no careful ventilation and watchful cleanliness such as the Pullman porter is responsible for; and if the train is crowded, the conditions in the car may be disagreeable. For short distances, however, students will always find the day coach comfortable. Where there is much local travel as in the regions about great cities, these are the coaches generally used. Smoking is permitted only in the club car of a train de luxe or in the smoking compartment of a Pullman car, or in such day coaches as may be assigned to smokers. Dining car, parlor car and other Pullman accommodations on trains are indicated in the timetables distributed gratuitously at principal stations. On railways or steamships a certain amount of luggage is carried free of charge. This is delivered to the baggage-master at the railway station, who issues a check of cardboard bearing a number corresponding to the one placed upon the passenger's trunk or suitcase. At the end of the journey the property is delivered on presentation of the claim check issued by the baggage-master at the point of departure. In large cities licensed transfer companies for a set fee will call for a trunk and check it through to destination. For this service it is necessary to purchase railway tickets in advance. Inquiry should be made as to the point at which baggage must be claimed. Usually it is necessary to recheck it at the station after receiving a check from the transfer company. In principal railway stations a representative of the Traveller's Aid affords reliable and gratuitous information.

Climatic Conditions and Clothing.—Students should bear in mind climatic and other conditions likely to affect health. On this account, a student ought to be in the best possible physical condition before undertaking study in the United States. Examination of the following pages will show how general is the requirement of physical and medical examinations of students entering American colleges. Especially the students from milder climates must be ready to endure severe winters characteristic of the Northern States. When the temperature out-of-doors may be as low as zero Centigrade, an American house or schoolroom, by means of central heating, is kept uniformly at 37° Centigrade. Obviously, clothing appropriate for zero out-of-doors is uncomfortable at 37° indoors. Instead of wearing heavy woolen underwear, as students do in countries where the winter temperature of rooms more closely approximates that of out-of-doors, Americans wear very thin cotton underclothing, and adjust themselves to the out-of-doors temperature by means of heavy outer garments. Of course winter conditions in Florida and Arizona are very different from those in New Hampshire and Minnesota. The summer temperature of Washington, Chicago, St. Louis, makes tropical clothing appropriate. The balmy tem-

perature of the Pacific coast changes at sunset so that woolen overcoats or wraps are necessary for comfort in the evening.

Food.—In cities food of any kind is available. In general, the American menu includes less meat than that of England and continental countries, and more fruit and vegetables. Salads in great variety are characteristic of the American table. Milk is the favorite drink of American college men and women, and is to be secured everywhere bottled under hygienic conditions, and so delivered to the consumer in restaurant or home. The vegetarian has no difficulty in getting ample and varied meals. The student whose food must be prepared in accord with certain religious requirements likewise has no difficulty in finding what he desires in the larger cities. At Harvard University in 1926 authorities of the Jewish Orthodox Church opened a Kosher restaurant for students of that institution. The wide prevalence of the "cafeteria" system enables the student to select his own food. In a cafeteria all dishes are displayed on a series of counters and steam-tables, before which a patron passes—after taking first a tray, napkin, spoons, knives and forks—selecting such dishes as may please him, and carrying them on his tray past a cashier who calculates his bill and receives payment—a system which eliminates delays and service charges while it permits immediate selection of each dish. The fact that Jews, Hindus and others have been able to live comfortably in the United States should give assurance to others who have doubts as to this problem.

Lodging.—In almost every institution there is an officer of the college or a specially designated agency which keeps a list of approved rooms outside of the residence halls. A "Housing Bureau" inspects rooms offered for the use of students, and makes sure that the rooms are adequately ventilated, lighted and furnished, that there is provision of sanitary bathing and toilet facilities, that the social environment is satisfactory and there is proper provision of reception-room for entertainment of friends. In some institutions such service is rendered by the Christian Association. It occasionally happens that a landlady refuses to rent rooms to a foreign student even though the housing bureau has assurance in advance of her willingness to do so. In such a case it is well to report the facts to the housing bureau which gave the address. The housing bureau is then in a position to determine its policy with respect to a future listing of that particular lodging place.

Funds: Their Protection and Expenditure.—Funds in the form of a Letter of Credit or Traveler's Checks should be exchanged only at reputable banks or travel agencies, and should be deposited in the university cashier's office as soon as possible, if the university undertakes to care for student funds. Or the student may deposit his money in a bank, opening a checking account. The latter affords the convenience and training of paying all larger bills by check, the cancelled check being a valid receipt for payment. It is desirable to have the bank book balanced occasionally, and to preserve the cancelled checks returned at the time the book is balanced. In the United States payment by check is the usual method. It is not necessary to secure currency at the bank and pay in cash. Indeed the less currency one carries the better, for one is not then likely to lose money, be robbed, or yield to the immediate temptation to expend money frivolously. It is desirable to keep a careful account of expenses from day to day. In some institutions the student is aided by a budget system prepared by the university itself. Such practice in managing one's own financial affairs is an important part of education. It is especially desirable that students avoid carrying funds at the opening of the college year, because thieves know well that large sums are brought into a community when students arrive. "Confidence men" are skilled in the United States as in other countries in presenting plausible reasons for financial relief. The student does well to take the advice of an officer of the university, the advisor of foreign students, the dean of men or women, or a financial officer of the institution before entrusting funds to a bank or other agency. If at any time a failure of a remittance to arrive promptly or a loss of purse or other catastrophe

leaves a student without funds even for daily living expenses, he ought to report at once to his university officer—his dean or advisor. Frequently such an officer is able to assist the student by means of a "Student Loan Fund," established for just such emergencies; and always he is able sympathetically to understand and wisely to suggest procedure. Let no personal pride induce the student to patronize "loan sharks," however disguised by trust-winning names, for these require an extortionate rate of interest on valuable collateral which is sometimes difficult to recover. The university may be able to lend money without embarrassment to the student on a purely business basis.

Self-Help.—Self-help is so usual among American students that the student who earns a part of his expenses can be assured of respect. It is true that in the undergraduate world there is sometimes an inclination to regard more highly the man who delivers ice in the summer time, provided he has skills and abilities dear to the undergraduate heart, than if he waits on the table in the winter time. In general, self-help is respectable; and indeed it is taken for granted when approximately 50 per cent of the student population of the country is engaged in self-help.

The question naturally has arisen: Can foreign students with non-quota immigrant student visas engage in such occupations? The attitude of the Department of Labor has thus far been generous. Bona-fide students who have engaged in earning funds to pay for their university expenses have not been discouraged. Many students find employment during the summer in orchards and resorts, where they see some of the bad side of American life as well as the good. The problem of self-help through labor while pursuing college courses is an important one for foreign students. (See p. 47.) Some colleges disapprove such a program on the ground that such work interferes with a student's prime responsibilities; most colleges not only approve but provide employment bureaus to enable students to find positions. All advise students not to undertake such employment during their first term, but to devote that time to their studies and to observation of opportunities for remunerative employment in the community. American students intending to study in other lands are likewise advised to finance the entire period of study before going abroad. Foreign students reported to the Committee on Friendly Relations in 1924 that 50 per cent were dependent on their own labor in whole or in part. Only 2 per cent of those institutions reporting to this Committee declared that all of their foreign students were self-supporting.

Scholarships for Foreign Students.—Scholarships and fellowships in the universities and colleges are usually open to foreign students on the same terms as they are offered to American citizens. In addition certain of them are open only to foreign students. A list adapted from that of the Institute of International Education is printed in the Appendix.

Vacations.—Vacations in American colleges make it necessary for the foreign student to include in his budget an item for room and board during the time the colleges are not in session. The long vacation begins late in June and extends until late in September. This time may well be devoted to a summer session at a university, or to travel, if one's purse permits. Inspiring student conferences under the auspices of the Y. M. C. A. are held at Silver Bay and Lake Geneva early in the summer. Attendance is very much worth while. Railways frequently announce excursions at reduced rates during the vacation season. Break of journey (stop-over) is permitted on round-trip tickets. There are vacations of approximately ten days at Christmas and in the Spring. During the Christmas holidays many of the learned societies hold their annual meetings. Those expecting to specialize are advised to attend the annual meeting of the appropriate association. Special railway rates are usually available for conventions. The exact time of the Spring vacation depends on the calendars of the institutions; those using the semester system have holidays at Easter, those with a three-term or four-quarter system have an interval at the end of March. During these short vacations the college does not usually provide

service in the dormitories. Frequently, however, a student may arrange with the business office so that he may occupy his room. And of course the college commons does not provide meals during that interval, and the college bills do not include provision for these; the student must provide for his own food during vacations.

Organizations of Students from Abroad.—In many colleges there are local organizations of foreign students, Cosmopolitan Clubs and International Clubs. Students of all nations, including a minority made up of citizens of the United States, are eligible for membership. The most notable organization of this kind is the International House, Riverside Drive at 124th Street, New York City, which affords living accommodations for women and men in addition to clubhouse facilities for all of the foreign students in New York City. Of course a foreign student will be aware of such guidance as the diplomatic representative of his country resident in Washington, D. C., may be able to give. Chinese students, for instance, will know of the existence of the Chinese Educational Mission with offices at the legation in Washington. Moreover, a student is likely to find a national society existing in any of the larger universities: a Japanese Club, a Filipino Club, a Chinese Club, a Korean Club, a Cercle Français, a Deutsches Verein, etc. Some of these have a national organization. These associations have frequently been of service in the interpretation of the university to a new student, and of a new student to an officer of the institution. It is to be observed that all educational authorities in the United States encourage foreign students to associate with Americans as much as possible in order to assure practice in the use of the English language and experience in associating with Americans of various types. It is for this very reason that American educators advise American students in France to study in provincial universities, where there are few Americans to tempt one to the use of English, rather than in Paris, where the temptations to associate with numerous citizens of one's own country are very great. So it is frequently desirable for a student from abroad to begin his studies in the United States in a small college where there are few or no citizens of his homeland to induce him to resort frequently to the use of his mother tongue. After all, one of the foreign student's principal reasons for studying in the United States is to increase as much as possible his control of the English language. Moreover, association with the people of the country entails an understanding of their ideals. Keep in touch with national societies, especially those which function among returned students for the best interests of such students and of their country. But associate still more with American students of like interests, ambitions, and culture.

University Officers and Foreign Students.—In every institution the foreign student will find an official who is ready to confer with him regarding his special problems. These may concern his admission credentials or the choice of his curriculum, his financial problems, his living conditions, his health, his religious or other quandaries. Usually the institution desires to have the student from abroad receive exactly the same treatment as the American student, and expects the foreign student to take advantage of the university provision of a dean or advisor. Sometimes, when there are many foreign students whose problems show a community of interest better cared for by a member of the university who is specially responsible for the student from abroad, there is an Advisor of Foreign Students, or a committee on Foreign Students. In any case, these officers in accepting appointment have shown themselves to be ready to serve, and may be confidentially relied on to do their best for the interest of the individual student as well as the group.

Social Relations of the Foreign Student.—The student from abroad has always been welcome in the universities of the United States. It must be said, however, that the foreign student will meet all sorts and conditions of men during his travels and during his residence even in a university community. Not all of those with whom he will come in contact will be persons of education; not all will be cosmopolites, easy to associate with; some will be ignorant, prejudiced, ill-

mannered, and even insulting. In restaurants, barber-shops, theatres, street-cars, and even in churches he may have unpleasant experiences. One conscious of his own worth, possessed of a lively sense of humor, some social experience, and a knowledge of the miscellaneous nature of the American population, will know that disagreeable persons who inflict unpleasant experiences do not represent the best mind and heart of the country. On the Pacific coast students from the Orient may encounter prejudice. Especially it is true that there is a prejudice against those of negro blood, a feeling which operates even against persons with dark skins, like South Americans, or southern Europeans. Nevertheless, there are thousands of negroes of high education who live rich and happy lives. The advice of such finds expression in various ways. The Committee on Friendly Relations can always be relied on for a sympathetic understanding. It is greatly to the credit of the Salvation Army, which maintains hostels in the principal ports, that it has never exhibited any race prejudice.

Hospitality in American homes, so greatly prized by the foreign student, whether an American in Europe or an European in the United States, is sometimes thoughtlessly or modestly regarded by many potential hosts as not of sufficient worth to offer a foreign student. Sometimes proffered hospitality has been cavalierly treated by invited guests and those of good will have been made cautious in offering invitations to foreign students. The foreign student should not assume prejudice on the part of all Americans. And certainly college officers who extend invitations to their homes are not obliged to do so officially; they do not offer such hospitality out of any desire to patronize in a superior way. They do so out of genuine friendship. That is why they have consented to act as advisers to foreign students. Courtesy should beget courtesy; a man who would have friends must show himself to be friendly.

CHAPTER V

THE PROFESSIONAL SCHOOLS

AGRICULTURE. ARCHITECTURE. BUSINESS. DENTISTRY. EDUCATION. ENGINEERING. JOURNALISM. LAW. LIBRARY. MEDICINE. PHARMACY. SOCIAL WORK. THEOLOGY

AGRICULTURE

Agricultural education is confined almost entirely to the land-grant colleges in the several States. These offer a four-year course leading to the degree of bachelor of science or the equivalent. In reality they are professional or technical schools training specifically for agriculture. As the exhibits of these institutions show, however, they perform other important functions. Through their extension divisions they disseminate information among farmers by means of bulletins, lectures, and demonstrations on the farms. Through their experiment stations they conduct research. The Federal Government contributes to this work: in 1926 it appropriated $50,000 for each State; in 1930 and annually thereafter, it will assign $90,000 to each State.

Land-Grant Colleges are so-called because they owe their creation or continued support to certain grants of land made by the Congress to encourage higher education in new States and territories. The first was made to Ohio in the Ordinance of 1787. The Morrill Land Act (1862) granted land for the development of colleges of agriculture and mechanic arts. In 1890 and in 1907 provision was made for direct annual grants to each State for the further development of agricultural colleges. In 1925 the total Federal appropriations for these colleges amounted to $11,982,697.

As agricultural conditions vary from State to State it is natural that the work of the Agricultural colleges and experiment stations should vary. In Iowa, Ohio, and Wisconsin animal husbandry is conspicuous; in Illinois field husbandry, genetics and soil surveying; in California semi-tropical farming, genetics and soil work; in Cornell and Wisconsin dairying; in Minnesota agricultural economics and cooperative marketing; in Arizona farming in semi-arid regions.

The following list of Land-Grant Colleges gives the names of officers in charge of Agriculture, Agricultural Extension, Agricultural Experiment Station, Home Economics, Engineering, Engineering Experiment Station.

The Land-Grant Colleges

Alabama.—Alabama Polytechnic Institute, Auburn. Spright Dowell, *President;* M. J. Funchess, *Dean College of Agriculture, Director Experiment Station;* L. N. Duncan, *Director Extension Service;* J. J. Wilmore, *Dean Faculty of Engineering and Architecture;* Agnes E. Harris, *Dean of Women, and Head Home Economics Department.* Agricultural and Mechanical Institute for Negroes, Normal. T. R. Parker, *President.*

Alaska.—Alaska Agricultural College and School of Mines, Fairbanks. C. F. Bunnell, *President;* E. N. Patty, *Dean.*

Arizona.—University of Arizona, Tucson. ——, *President;* J. J. Thornber, *Dean College of Agriculture, Director of Experiment Station;* P. H. Ross, *Director Agricultural Extension Service;* G. M. Butler, *Dean College of Mines and Engineering;* Nina B. Crigler, *Professor of Home Economics.*

Arkansas. — University of Arkansas, Fayetteville. J. C. Futrall, *President;* Dan T. Gray, *Dean College of Agriculture, Director Experiment Station, Director of Extension;* W. N. Gladson, *Dean College of Engineering, Director Engineering Experiment Station;* Helen C. Goodspeed, *Head Home Economics Department.*

AGRICULTURAL, MECHANICAL AND NORMAL COLLEGE, Pine Bluff. R. E. Malone, *Superintendent;* W. L. Webb, *Director Agricultural Department;* C. S. Woodward, *Director Smith-Hughes Agriculture.*

CALIFORNIA.—UNIVERSITY OF CALIFORNIA, Berkeley. W. W. Campbell, *President;* E. D. Merrill, *Dean College of Agriculture, Director Experiment Station;* B. H. Crocheron, *Director Agricultural Extension;* C. L. Cory, *Dean College of Mechanics;* Mary F. Patterson, *Chairman Department of Household Art;* Mrs. Agnes F. Morgan, *Chairman Department of Household Science.*

COLORADO.—THE STATE AGRICULTURAL COLLEGE OF COLORADO, Fort Collins. C. A. Lory, *President;* C. P. Gillette, *Director Experiment Station;* Roud McCann, *Director Extension Service;* L. D. Crain, *Chairman Division of Engineering;* Inga M. K. Allison, *Head Department of Home Economics.*

CONNECTICUT.—CONNECTICUT AGRICULTURAL COLLEGE, Storrs. C. L. Beach, *President;* W. L. Slate, Jr., *Director Storrs Experiment Station;* B. W. Ellis, *Director Extension Service;* Gladys I. Hendrickson, *Dean Division of Home Economics.*

CONNECTICUT AGRICULTURAL EXPERIMENT STATION, New Haven. W. L. Slate, Jr., *Director.*

DELAWARE.—UNIVERSITY OF DELAWARE, Newark. Walter Hullihen, *President;* C. A. McCue, *Dean School of Agriculture, Director Experiment Station, Director Extension Service;* M. Van G. Smith, *Acting Dean School of Engineering;* Ethel L. Parker, *Professor of Home Economics.*

STATE COLLEGE FOR COLORED STUDENTS, Dover. R. S. Grossley, *President.*

FLORIDA.—UNIVERSITY OF FLORIDA, Gainesville. A. A. Murphree, *President;* Wilmon Newell, *Dean College of Agriculture, Director Experiment Station, Director Agricultural Extension Division;* J. R. Benton, *Dean College of Engineering;* Ouida D. Abbott, *in Charge Home Economics Research.*

FLORIDA AGRICULTURAL AND MECHANICAL COLLEGE FOR NEGROES, Tallahassee. J. R. E. Lee, *President.*

GEORGIA.—GEORGIA STATE COLLEGE OF AGRICULTURE, UNIVERSITY OF GEORGIA, Athens. A. M. Soule, *President;* J. Phil Campbell, *Director Extension Division;* Mary E. Creswell, *Director of Home Economics.*

GEORGIA EXPERIMENT STATION, Experiment. H. P. Stuckey, *Director.*

GEORGIA STATE INDUSTRIAL COLLEGE FOR COLORED YOUTHS OF THE UNIVERSITY OF GEORGIA, Savannah. B. F. Hubert, *President.*

HAWAII.—UNIVERSITY OF HAWAII, Honolulu. D. L. Crawford, *President;* A. R. Keller, *Dean College of Applied Science;* ——, *Director Extension Division.*

IDAHO.—UNIVERSITY OF IDAHO, Moscow. ——, *President;* E. J. Iddings, *Dean College of Agriculture, Director Experiment Station,* and *Director Extension Division;* I. C. Crawford, *Dean College of Engineering;* Katherine Jensen, *Professor of Home Economics.*

ILLINOIS.—UNIVERSITY OF ILLINOIS, Urbana. David Kinley, *President;* H. W. Mumford, *Dean College of Agriculture, Director Agricultural Experiment Station,* and *Director Extension Station;* M. S. Ketchum, *Dean College of Engineering, Director Engineering Experiment Station;* Ruth A. Wardall, *Head Department of Home Economics.*

INDIANA.—PURDUE UNIVERSITY, LaFayette. E. C. Elliott, *President;* J. H. Skinner, *Dean School of Agriculture;* G. I. Christie, *Director Agricultural Experiment Station, Director Department of Agricultural Extension;* A. A. Potter, *Dean Schools of Engineering, Director Engineering Experiment Station, Director of Engineering Extension;* Mary L. Matthews, *Dean School of Home Economics.*

IOWA.—IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Ames. R. M. Hughes, *President;* C. F. Curtiss, *Dean Division of Agriculture, Director Agricultural Experiment Station;* R. K. Bliss, *Director Agricultural Extension;* A. Marston, *Dean Division of Engineering, Director Engineering Experiment Station;* Francis A. Sims, *Acting Dean Division of Home Economics.*

KANSAS.—KANSAS STATE AGRICULTURAL COLLEGE, Manhattan. F. D. Farrell, *President;* L. E. Call, *Dean Division of Agriculture, Director Agricultural Experiment Station;* H. J. C. Umberger, *Dean and Director Division of Extension;* R. A. Seaton, *Dean Division of Engineering* and *Director Engineering Experiment Station;* Margaret M. Justin, *Dean Division of Home Economics.*

KENTUCKY.—THE UNIVERSITY OF KENTUCKY, Lexington. F. L. McVey, *President;* T. P. Cooper, *Dean College of Agriculture, Director Experiment Station, Director Agricultural Extension;* F. P. Anderson, *Dean College of Engineering;* Mariel Hopkins, *Head Department of Home Economics.*

THE KENTUCKY NORMAL AND INDUSTRIAL INSTITUTE FOR COLORED PERSONS, Frankfort. G. P. Russell, *President.*

LOUISIANA.—LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge. T. D. Boyd, *President;* W. R. Dodson, *Dean College of Agriculture, Director Experiment Stations;* W. R. Perkins, *Director Agriculture Extension Department;* T. W. Atkinson, *Dean College of Engineering;* Mattie R. Sebastian, *Director of Home Economics.*

SOUTHERN UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE OF THE STATE OF LOUISIANA, Scotlandville. J. S. Clark, *President.*

MAINE.—UNIVERSITY OF MAINE, Orono. H. S. Boardman, *President;* L. S. Merrill, *Dean College of Agriculture, Director Agricultural Extension Service;* W. J. Morse, *Director Experiment Station;* Paul Cloke, *Dean College of Technology, Director Technology Experiment Station;* Pearl S. Greene, *Acting Head Department of Home Economics.*

MARYLAND.—UNIVERSITY OF MARYLAND, College Park. R. A. Pearson, *President;* H. J. Patterson, *Dean College of Agriculture, Director Experiment Station;* T. B. Symons, *Director Extension Service;* A. N. Johnson, *Dean College of Engineering, Director Engineering Experiment Station;* M. Marie Mount, *Dean College of Home Economics.*

PRINCESS ANNE ACADEMY FOR COLORED PERSONS, EASTERN BRANCH OF UNIVERSITY OF MARYLAND, Princess Anne. J. O. Spencer, *President* (*Baltimore*); T. H. Kiah, *Principal.*

MASSACHUSETTS.—MASSACHUSETTS AGRICULTURAL COLLEGE, Amherst. S. B. Haskell, *Director Experiment Station;* W. A. Munson, *Director Extension Service;* Edna L. Skinner, *Head Department of Home Economics.*

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge. S. W. Stratton, *President.*

MICHIGAN.—MICHIGAN STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, East Lansing. K. L. Butterfield, *President;* R. S. Shaw, *Dean of Agriculture, Director Experiment Station;* R. J. Baldwin, *Director of Extension Work;* G. W. Bissell, *Dean Division of Engineering, Director Engineering Experiment Station;* Jean Krueger, *Dean Division of Home Economics.*

MINNESOTA.—UNIVERSITY OF MINNESOTA, Minneapolis. L. D. Coffman, *President;* O. M. Leland, *Dean College of Engineering and Architecture, and Director Engineering Experiment Station.* DEPARTMENT OF AGRICULTURE, University Farm, St. Paul; W. C. Coffey, *Dean Department of Agriculture, Director Agricultural Experiment Station;* E. M. Freeman, *Dean College of Agriculture, Forestry and Home Economics;* F. W. Peck, *Director Agricultural Extension;* Wylle B. McNeal, *Chief Division of Home Economics.*

MISSISSIPPI.—MISSISSIPPI AGRICULTURAL AND MECHANICAL COLLEGE, A. and M. College. B. M. Walker, *President;* J. N. Lipscomb, *Dean School of Agriculture;* J. R. Ricks, *Director Experiment Stations;* R. S. Wilson, *Director Extension Work;* H. W. Moody, *Dean School of Engineering.*

ALCORN AGRICULTURAL AND MECHANICAL COLLEGE, Alcorn. L. J. Rowan, *President.*

MISSOURI.—UNIVERSITY OF MISSOURI, Columbia. Stratton D. Brooks, *President;* F. B. Mumford, *Dean College of Agriculture, Director Agricultural Experiment Station;* A. J. Meyer, *Director Agricultural Extension Service;* E. J. McCaust-

land, *Dean School of Engineering, Director Engineering Experiment Station;* Jessie A. Cline, *Acting Chairman Department of Home Economics.*

LINCOLN UNIVERSITY, Jefferson City. Nathan B. Young, *President.*

MONTANA.—MONTANA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Bozeman. A. Atkinson, *President;* F. B. Linfield, *Dean of Agriculture, Director Experiment Station;* J. C. Taylor, *Director of Extension Service;* E. B. Norris, *Dean of Engineering;* Gladys A. Branegan, *Professor of Home Economics.*

NEBRASKA.—UNIVERSITY OF NEBRASKA, Lincoln. Samuel Avery, *Chancellor;* E. A. Burnett, *Dean College of Agriculture, Director Experiment Station;* W. H. Brokaw, *Director Agricultural Extension Service;* O. J. Ferguson, *Dean College of Engineering, Director Engineering Experiment Station;* Margaret S. Fedde, *Chairman Department of Home Economics.*

NEVADA.—UNIVERSITY OF NEVADA, Reno. W. E. Clark, *President;* Robert Stewart, *Dean College of Agriculture;* S. B. Doten, *Director Experiment Station;* C. W. Creel, *Director Agricultural Extension;* F. H. Sibley, *Dean College of Engineering;* H. P. Boardman, *Director Engineering Experiment Station;* Sarah L. Lewis, *Professor Home Economics.*

NEW HAMPSHIRE.—THE UNIVERSITY OF NEW HAMPSHIRE, Durham. E. M. Lewis, *President;* F. W. Taylor, *Dean College of Agriculture;* J. C. Kendall, *Director Experiment Station, Director Extension Service;* G. W. Case, *Dean College of Technology;* Mrs. Helen F. McLaughlin, *Head Department of Home Economics.*

NEW JERSEY.—RUTGERS UNIVERSITY AND THE STATE UNIVERSITY OF NEW JERSEY, New Brunswick. J. M. Thomas, *President;* J. G. Lipman, *Dean of Agriculture, Director College and State Agricultural Experiment Stations;* H. J. Baker, *Director Division of Extension in Agriculture and Home Economics;* E. H. Rockwell, *Dean of Engineering;* Mrs. Martha H. French, *Professor of Home Economics.*

NEW MEXICO.—NEW MEXICO COLLEGE OF AGRICULTURE AND MECHANIC ARTS, State College. H. L. Kent, *President and Dean School of Agriculture;* F. Garcia, *Director of Experiment Station;* W. L. Elser, *Director Extension Service;* R. W. Goddard, *Dean School of Engineering;* Margaret O'Loughlin, *Professor of Home Economics.*

NEW YORK.—CORNELL UNIVERSITY, NEW YORK STATE COLLEGE OF AGRICULTURE, Ithaca. Livingston Farrand, *President of University;* A. R. Mann, *Dean College of Agriculture;* R. W. Thatcher, *Director Experiment Stations;* Cornelius Betten, *Director of Resident Instruction;* C. E. Ladd, *Director of Extension;* D. S. Kimball, *Dean College of Engineering, Director Engineering Experiment Station.*

NEW YORK STATE COLLEGE OF HOME ECONOMICS, Ithaca. Martha Van Rensselaer and Flora Rose, *Directors.*

NEW YORK AGRICULTURAL EXPERIMENT STATION, Geneva. R. W. Thatcher, *Director.*

NORTH CAROLINA.—THE NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, Raleigh. E. C. Brooks, *President;* Z. P. Metcalf, *Director of Instruction;* R. Y. Winters, *Director Agricultural Experiment Station;* I. O. Schaub, *Director Extension Service;* W. C. Riddick, *Dean of Engineering;* H. B. Shaw, *Director Engineering Experiment Station;* Carl C. Taylor, *Director of Economic and Social Research.*

THE NEGRO AGRICULTURAL AND TECHNICAL COLLEGE, Greensboro. F. D. Bluford, *President.*

NORTH DAKOTA.—NORTH DAKOTA AGRICULTURAL COLLEGE, State College Station, Fargo. J. L. Coulter, *President;* H. L. Walster, *Dean School of Agriculture;* P. F. Trowbridge, *Director Experiment Station;* C. F. Monroe, *Director Agricultural Extension;* E. S. Keene, *Dean School of Mechanic Arts;* Alba Bales, *Dean School of Home Economics.*

OHIO.—OHIO STATE UNIVERSITY, Columbus. G. W. Rightmire, *President;* Alfred Vivian, *Dean College of Agriculture;* H. C. Ramsower, *Director Agricultural Extension Work;* E. A. Hitchcock, *Dean College of Engineering, Director Engineering Ex-*

periment Station; Faith R. Lanman, *Head Home Economics Department.*

Ohio Agricultural Experiment Station, Wooster. C. G. Williams, *Director.*

Oklahoma.—Oklahoma Agricultural and Mechanical College, Stillwater. Bradford Knapp, *President;* C. T. Dowell, *Dean School of Agriculture, Director Experiment Station;* W. D. Bentley, *Director of Extension;* E. P. Boyd, *Dean School of Engineering;* Nora A. Talbot, *Dean School of Home Economics.*

Colored Agricultural and Normal University, Langston. I. W. Young, *President.*

Oregon.—Oregon Agricultural College, Corvallis. W. J. Kerr, *President;* A. B. Cordley, *Dean School of Agriculture;* J. T. Jardine, *Director Experiment Station;* Paul V. Maris, *Director Extension Service;* G. A. Covell, *Dean School of Engineering and Mechanic Arts;* Ava B. Milam, *Dean School of Home Economics.*

Pennsylvania.—The Pennsylvania State College, State College. R. D. Hetzel, *President;* R. L. Watts, *Dean School of Agriculture, Director Agricultural Experiment Station;* M. S. McDowell, *Director Agricultural Extension;* R. L. Sackett, *Dean School of Engineering, Director Engineering Experiment Station;* Edith P. Chace, *Director Department of Home Economics.*

Porto Rico.—University of Porto Rico, Rio Piedras and Mayaguez. (College of Agriculture and Engineering, Mayaguez.) T. E. Benner, *Chancellor;* H. T. Cowles, *Acting Dean College of Agriculture and Engineering.*

Rhode Island.—Rhode Island State College, Kingston. H. Edwards, *President;* G. E. Adams, *Dean Department of Agriculture, Director Extension Service;* B. L. Hartwell, *Director Experiment Station;* R. L. Wales, *Dean of Engineering.*

South Carolina.—Clemson Agricultural College of South Carolina, Clemson College. E. W. Sikes, *President;* F. H. H. Calhoun, *Director of Resident Teaching;* H. W. Barre, *Director Experiment Station;* D. W. Watkins, *Assistant Director of Extension Service;* S. B. Earle, *Director Engineering Department.*

The Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina, Orangeburg. R. S. Wilkinson, *President.*

South Dakota.—South Dakota State College of Agriculture and Mechanic Arts, Brookings. C. W. Pugsley, *President;* Christian Larsen, *Dean of Agriculture;* J. W. Wilson, *Director Experiment Station;* A. E. Anderson, *Director Extension Division;* H. M. Crothers, *Dean Division of Engineering;* Edith Pierson, *Dean Division of Home Economics.*

Tennessee.—The University of Tennessee, Knoxville. H. A. Morgan, *President;* C. A. Wilson, *Dean College of Agriculture;* C. A. Mooers, *Director Experiment Station;* C. A. Keffer, *Director Division of Agricultural Extension;* C. E. Ferris, *Dean College of Engineering;* C. A. Perkins, *Director Engineering Experiment Station;* Nellie Crooks, *Head Home Economics Department.*

Agricultural and Industrial State Normal School for Negroes, Nashville. W. F. Hale, *President.*

Texas.—Agricultural and Mechanical College of Texas, College Station. T. O. Walton, *President;* E. J. Kyle, *Dean School of Agriculture;* A. B. Conner, *Acting Director Agricultural Experiment Station;* C. H. Alvord, *Director Extension Service;* F. C. Bolton, *Dean School of Engineering, Director Engineering Experiment Station.*

Prairie View State Normal and Industrial College, Prairie View. W. R. Banks, *Principal.*

Utah.—Agricultural College of Utah, Logan. E. G. Peterson, *President;* K. C. Ikeler, *Dean School of Agriculture;* William Peterson, *Director Agricultural Experiment Station and Extension Division;* R. B. West, *Dean Schools of Agricultural Engineering and Mechanic Arts, Director Agricultural Engineering Experiment Station;* Carrie C. Dozier, *Dean School of Home Economics.*

Vermont.—University of Vermont and

State Agricultural College, Burlington. G. W. Bailey, *President;* J. L. Hills, *Dean College of Agriculture, Director Experiment Station;* Thomas Bradlee, *Director Extension Service;* J. W. Votey, *Dean College of Engineering, Director Engineering Experiment Station;* Bertha M. Terrill, *Professor of Home Economics.*

Virginia.—Virginia Agricultural and Mechanical College and Polytechnic Institute, Blacksburg. J. A. Burruss, *President;* H. L. Price, *Dean School of Agriculture;* A. W. Drinkard, Jr., *Director Agricultural Experiment Station;* J. R. Hutcheson, *Director Extension Division;* S. R. Pritchard, *Dean School of Engineering;* J. S. A. Johnson, *Director Engineering Experiment Station;* Martha D. Dinwiddie, *Associate Professor Home Economics.*

Virginia Normal and Industrial Institute, Ettricks. J. M. Gandy, *President;* G. W. Owens, *Director Agricultural School.*

Washington.—State College of Washington, Pullman. E. O. Holland, *President;* E. C. Johnson, *Dean College of Agriculture, Director Agricultural Experiment Station;* S. B. Nelson, *Dean and Director Extension Service;* H. V. Carpenter, *Dean College of Mechanic Arts and Engineering, Director Engineering Experiment Station;* Florence Harrison, *Dean College of Home Economics.*

West Virginia.—West Virginia University, Morgantown. F. B. Trotter, *President;* H. G. Knight, *Dean College of Agriculture, Director Experiment Station;* N. T. Frame, *Director Agricultural Extension Division;* C. R. Jones, *Dean College of Engineering, Director Engineering Experiment Station;* Rachel H. Colwell, *Head Department of Home Economics.*

Wisconsin.—University of Wisconsin, Madison. Glenn Frank, *President;* H. L. Russell, *Dean College of Agriculture, Director Experiment Station, Director Agricultural Extension Service;* J. A. James, *Assistant Dean College of Agriculture;* K. L. Hatch, *Assistant Director Agricultural Extension Service;* F. E. Turneaure, *Dean College of Engineering, Director Engineering Experiment Station;* Abby L. Marlatt, *Director Course in Home Economics.*

Wyoming.—University of Wyoming, Laramie. A. G. Crane, *President;* John A. Hill, *Dean College of Agriculture, Director Experiment Station;* A. E. Bowman, *Director Agricultural Extension;* E. D. Hay, *Dean College of Engineering;* Elizabeth J. McKittrick, *Professor of Home Economics.*

ARCHITECTURE

The Association of Collegiate Schools of Architecture in 1924 adopted certain standard minimum requirements for guidance in admission of members. The curriculum considered was one of four years' duration in which provision is made for general and professional education. The minimum requirements are:

"(1) Entrance requirements amounting to 14 units including English 3, Algebra through quadratics 1½, Geometry (Plane, Solid or Spherical) 1½, Physics 1, History 1, one Foreign Language 2, other subjects specified or elective 4. If Chemistry is not offered for admission it is recommended that it be included in the college curriculum.

"(2) The curriculum must show a satisfactory scheme of instruction, the success of which has been demonstrated over a period of four years.

"(3) The curriculum should cover not less than 120 credit hours, one credit being 3 hours of actual time (one hour of lecture or recitation and attendant preparation, or 3 hours of drawing or laboratory work) a week for one semester of 15 weeks. Thus each credit hour is equivalent to 45 actual hours, and the four-year course of 120 credit hours covers 5,400 actual hours.

"(4) Minimum requirements in each subject in addition to admission requirements: General or academic subjects: 24 credit hours: English 4, Foreign Language 4, Mathematics 4, Science 4, Additional 8. Professional or technical subjects: 86 credit hours: Design 30, Construction 16, History 8, Drawing 16, Additional 16. The 10 remaining credit hours may be in these or related subjects. Provision is made for modi-

fication of this requirement in the case of students specializing in Architectural Engineering.

"(5) Technical requirements are stated as follows: a. Architectural Design. This must be taught on the basis of problems requiring a solution, development and presentation by the student under criticism, accompanied by short problems to be carried out with no criticism until after the problems are turned in. As a condition precedent to receiving a degree the student must be able to solve satisfactorily problems of the first class, that is, single buildings or groups of buildings of importance, or other problems in composition of equal difficulty. Under architectural design may be included courses in the theory or elements of design or architecture, taught by means of lectures or drawing. In addition to architectural design there may, with advantage, be added courses in allied arts, and decorative landscape civic design. b. Construction. This must comprise theory of stresses, structural design, masonry, carpentry, working drawings, etc. In this group there may also be included courses in heating and ventilation, fireproofing, specifications, illumination, sanitation, etc. c. History. This must comprise lectures on the historical development of architecture with research work and drawing, and may also include the history or ornament, painting, sculpture or civilization. d. Drawing. This must comprise (1) freehand drawing in various media from objects and nature (12 credit hours) and (2) descriptive geometry, shades and shadows and perspective (4 credit hours). Drawing from life should be included and some instruction in modeling is desirable. e. Other subjects. Each curriculum must include discussion of professional practice with especial emphasis upon ethics.

"(6) Adequate collections of books, casts, lantern slides, etc.

"(7) The character of the teaching staff as to numbers, professional training, and ability, technical equipment and general education, the spirit and nature of the institution and its form of control of the professional school of architecture are vital considerations.

"(8) The degree offered should not be less than a baccalaureate degree (B. Arch., B.S. in Arch., etc.).

"(9) Examples of the work of at least five students in design, construction, history, and drawing."

Members of the Association of Collegiate Schools of Architecture are:

California:
University of California, Berkeley.

Connecticut:
Yale University, New Haven.

Georgia:
Georgia School of Technology, Atlanta.

Illinois:
Armour Institute of Technology, Chicago.
University of Illinois, Urbana.

Kansas:
Kansas State Agricultural College, Manhattan.
University of Kansas, Lawrence.

Massachusetts:
Harvard University, Cambridge.
Massachusetts Institute of Technology, Cambridge.

Michigan:
University of Michigan, Ann Arbor.

Minnesota:
University of Minnesota, Minneapolis.

Missouri:
Washington University, St. Louis.

New York:
Columbia University, New York City.
Cornell University, Ithaca.
Syracuse University, Syracuse.

Ohio:
Ohio State University, Columbus.

Oregon:
University of Oregon, Eugene.

Pennsylvania:
Carnegie Institute of Technology, Pittsburgh.
Pennsylvania State College, Easton.
University of Pennsylvania, Philadelphia.

Texas:
University of Texas, Austin.

Washington:
University of Washington, Seattle.

BUSINESS

The American Association of Collegiate Schools of Business adopted, in May, 1925, certain standards for institutions desiring membership in that organization:

"1. The College or School shall require for admission at least 15 units of secondary work as defined by the North Central Association of Colleges and Secondary Schools, or its equivalent.

"2. The School shall require for the undergraduate degree the completion of a minimum quantitative requirement of 120 semester hours of credit or the equivalent. A portion of this work may be taken in some other college as a Liberal Arts College of approved standing.

"3. The School shall have been established as a bona fide division of a College or University whose credits are accepted at full value by members of the Association of American Universities or the Association of American State Universities; and its affairs shall be administered under the control and with the active support of such College or University.

"4. The School shall have been established and operated in accordance with the standards indicated herein for a period of at least three years; but a School which has been in operation for not less than three years, and which may have failed, in that period, to meet all the requirements herein stated, may, at the discretion of the Executive Committee, be admitted to membership whenever such requirements have been fulfilled by the School.

"5. The Faculty of the School shall include at least three teachers of full professorial rank, giving full time, or nearly all their time, to instruction in courses offered in the curriculum of the School; in general, the majority of all teachers on the faculty shall give the greater part of their time to such instruction.

"6. Those holding full professorial rank shall have the Doctor's degree or their professional or technical training and experience shall be such as will enable the Executive Committee of this Association to give them a rating equal to those who have received Doctor's degrees. In general, all teachers of business subjects in collegiate schools of business above the grade of assistant shall have a Master's degree, or their training and experience shall be such that the Executive Committee of this Association gives them a rating equal to those who have the Master's degree.

"7. The School shall maintain a scale of teachers' salaries which, in the judgment of the Executive Committee, is adequate to the successful conduct of the work of a high grade school of business.

"8. The School shall have so apportioned the teaching load of members of its staff that the teaching burden will not be excessive. In general, teachers should not teach elementary work in excess of 15 hours a week, and advanced work in excess of 12 hours a week.

"9. All collegiate schools shall offer a reasonable amount of work in at least five groups of study, such as business finance, accounting, business law, marketing, and statistics.

"10. At least 40 per cent of the 120 credit hours or its equivalent required for the Bachelor's degree must be taken in commercial and economic subjects; a liberal proportion of the courses in this group shall be professional in character in that they deal with problems of management or administration.

"11. At least 40 per cent of the 120 credit hours or its equivalent required for the Bachelor's degree shall be taken in subjects other than economics and commerce providing that general economics and economic history may be counted in either the liberal or commercial groups.

"12. The School shall have such library facilities as are in the judgment of the executive committee adequate."

The American Association of Collegiate Schools of Business in 1926 published a volume, "Faculty Personnel," edited by William A. Rawles, Secretary, Bloomington, Indiana. For the 38 member institutions this book of 308 pages affords an exhibit of the academic training and experience of every teacher. Each statement includes present academic status, degrees, fields of

specialization, publications, and university positions formerly held as well as such other experience as is relevant.

In May 1926 the membership of the American Association of Collegiate Schools of Business included the following:

CALIFORNIA:
- University of California, College of Commerce, Berkeley.
- University of Southern California, College of Commerce and Business Administration, Los Angeles.
- Stanford University, Graduate School of Business, Stanford University.

COLORADO:
- University of Denver, School of Commerce, Accounts and Finance, Denver.

GEORGIA:
- Georgia School of Technology, School of Commerce, Atlanta.
- University of Georgia, School of Commerce, Athens.

ILLINOIS:
- Northwestern University, School of Commerce, Evanston.
- University of Chicago, School of Commerce and Administration, Chicago.
- University of Illinois, College of Commerce and Business Administration, Urbana.

INDIANA:
- Indiana University, School of Commerce and Finance, Bloomington.

IOWA:
- University of Iowa, College of Commerce, Iowa City.

KANSAS:
- University of Kansas, School of Business, Lawrence.

KENTUCKY:
- University of Kentucky, College of Commerce, Lexington.

LOUISIANA:
- Tulane University, College of Commerce and Business Administration, New Orleans.

MASSACHUSETTS:
- Boston University, College of Business Administration, Boston.
- Harvard University, Graduate School of Business Administration, Cambridge.

MICHIGAN:
- University of Michigan, School of Business Administration, Ann Arbor.

MINNESOTA:
- University of Minnesota, School of Commerce, Minneapolis.

MISSOURI:
- University of Missouri, School of Business and Public Administration, Columbia.
- Washington University, School of Commerce and Finance, St. Louis.

NEBRASKA:
- University of Nebraska, School of Business Administration, Lincoln.

NEW HAMPSHIRE:
- Dartmouth College, Amos Tuck School of Business Administration, Hanover.

NEW YORK:
- Columbia University, School of Business, New York City.
- New York University, School of Commerce, Accounts and Finance, New York City.
- Syracuse University, School of Business Administration, Syracuse.

NORTH CAROLINA:
- University of North Carolina, School of Commerce, Chapel Hill.

NORTH DAKOTA:
- University of North Dakota, School of Commerce, Grand Forks.

OHIO:
- Ohio State University, College of Commerce, Columbus.
- University of Cincinnati, College of Engineering and Commerce, Cincinnati.

OKLAHOMA:
- University of Oklahoma, School of Business, Norman.

OREGON:
- University of Oregon, School of Business Administration, Eugene.

PENNSYLVANIA:
- University of Pennsylvania, Wharton School of Finance and Commerce, Philadelphia.
- University of Pittsburgh, School of Business Administration, Pittsburgh.

TEXAS:
- Southern Methodist University, School of Commerce, Dallas.

University of Texas, School of Business Administration, Austin.

VIRGINIA:

University of Virginia, McIntire School of Commerce, University.

WASHINGTON:

University of Washington, College of Business Administration, Seattle.

WISCONSIN:

University of Wisconsin, Course in Commerce, Madison.

DENTISTRY

The American Association of Dental Schools was formed in 1923 by the amalgamation of the American Institute of Dental Teachers, the National Association of Dental Faculties, the Faculties' Association of American Universities and the Canadian Faculties' Association. The formation of this association has been due largely to Dr. W. J. Gies in conducting a survey of the teaching of dentistry in the United States. Dr. Gies' report, published by the Carnegie Foundation for the Advancement of Teaching in 1927, is the only comprehensive and reliable presentation of the general history of dentistry and the history of dental education in the United States; the conditions of the practice of dentistry that determine the educational requirements, including the statutory definition and regulation of dental practice, the types, number and distribution of dental practitioners, the efficiency of dental service for negroes and a history of organizations in dentistry leading up to the formation of the American Association of Dental Schools. There is a very full and accurate consideration of the curriculum and methods of teaching, the equipment and financial support of dental schools, and a discussion of the importance of original investigation in the field. The itemized reports on individual schools include data which enable one to understand the quality of the schools—academic affiliations, history, building facilities, hospital and dispensary facilities, library, administrative officers, minimum academic requirements, proposed measures of advancement, number of graduates, attendance, number of patients treated, financial data including the value of land and buildings, debt, fees paid by students, fees paid by patients, budgetary provisions and other funds. There is a presentation of budget items for equipment, research, library, salaries, average student-year cost and student-year payment of fees. In addition to these objective items there are frank and specific expressions of opinion by Dr. Gies. The volume is invaluable for the serious student of the teaching of dentistry. It may be secured from The Carnegie Endowment for the Advancement of Teaching, 522 Fifth Avenue, New York City.

The American Association of Dental Schools admits as members those schools of the United States which are classified as of A or B grade by the Dental Educational Council of America.

Dental Schools assigned Class A rating by the Dental Educational Council of America on June 1, 1925, are the following:

CALIFORNIA:

University of California, Dental Department, San Francisco.

University of Southern California, College of Dentistry, Los Angeles.

GEORGIA:

Atlanta-Southern Dental College, Atlanta.

ILLINOIS:

Loyola University, Dental Department, Chicago.

Northwestern University, Dental School, Chicago.

University of Illinois, College of Dentistry, Urbana.

IOWA:

University of Iowa, College of Dentistry, Iowa City.

KENTUCKY:

University of Louisville, College of Dentistry, Louisville.

LOUISIANA:

Loyola University, School of Dentistry, New Orleans.

MASSACHUSETTS:

Harvard University, Dental School, Cambridge.

Tufts College, Dental School, Boston.

MICHIGAN:
University of Michigan, College of Dental Surgery, Ann Arbor.
MINNESOTA:
University of Minnesota, College of Dentistry, Minneapolis.
MISSOURI:
St. Louis University, School of Dentistry, St. Louis.
Washington University, School of Dentistry, St. Louis.
NEBRASKA:
Creighton University, College of Dentistry, Omaha.
NEW YORK:
University of Buffalo, College of Dentistry, Buffalo.
OHIO:
Ohio State University, College of Dentistry, Columbus.
Western Reserve University, School of Dentistry, Cleveland.
OREGON:
North Pacific College of Oregon, School of Dentistry, Portland.
PENNSYLVANIA:
University of Pennsylvania, School of Dentistry (Thomas W. Evans Museum and Dental Institute), Philadelphia.
University of Pittsburgh, School of Dentistry, Pittsburgh.
TENNESSEE:
University of Tennessee, College of Dentistry, Memphis.
TEXAS:
Baylor University, College of Dentistry, Dallas.
VIRGINIA:
Medical College of Virginia, School of Dentistry, Richmond.
WISCONSIN:
Marquette University, College of Dentistry, Milwaukee.

EDUCATION

The American Association of Teachers Colleges adopted standards for the accrediting of teachers colleges at its meeting February 20, 1926:

I. Definition of a Teachers College

A. A teachers college, within the meaning of these standards, is a state, municipal or incorporated private institution, or an independent unit of a recognized college or university, which has at least one four-year unified curriculum; which is devoted exclusively to the preparation of teachers; which has legal authority to grant a standard bachelor's degree; which has granted and continues to grant such degree; and which requires for admission the completion of a standard four-year secondary school curriculum, or equivalent training approved by this Association.

B. A similar institution devoted exclusively to the preparation of teachers, which requires for admission the completion of a standard four-year secondary school curriculum, or equivalent training approved by this Association; which has a curriculum less than four years in length and does not have legal authority to grant a standard bachelor's degree; or which has a curriculum four years in length but has not granted and does not grant a bachelor's degree, shall be designated as a normal school or a junior teachers college.

C. Normal schools and junior teachers colleges shall conform to the same standards as teachers colleges except as hereinafter specifically indicated.

II. Requirements for Admission

A. The quantitative requirement for admission to a teachers college accredited by this Association shall be at least fifteen units of secondary school work, or the equivalent. These units must represent work done in a secondary school approved by the state department of public instruction of the state in which the college is located, must conform to the definitions of the various units as recommended by the state department of public instruction, or must be evidenced by the result of examinations.

Experienced teachers over twenty-one years of age may be admitted to a teachers college for such work as they are qualified to take, but before receiving a diploma or a degree, they shall meet the full entrance requirement.

If the state department of public instruction maintains no accredited list of secon-

dary schools or publishes no definitions of secondary school units, those of a regularly recognized accrediting agency shall be used.

B. Equivalence for entrance units of secondary school work shall be determined only by regularly scheduled written examinations, which shall be of such a character as to satisfy the committee on admissions of the college that the applicant is fully prepared to do college work as hereinafter defined.

C. Experience in teaching shall in no case be accepted for entrance, or credit toward graduation, except supervised student teaching in the training school.

III. Standards for Graduation

A. The quantitative requirement for graduation shall be the completion of at least one hundred twenty semester hours of credit, or the equivalent in term hours, quarter hours, points, majors, or courses.

B. The requirement for graduation for a normal school or junior teachers college with a two-year curriculum shall be at least sixty semester hours or the equivalent; and for a normal school or junior teachers college with a three-year curriculum, at least ninety semester hours or the equivalent.

IV. Size of Faculty

A. There shall be a reasonable ratio of students to faculty in the college department, which shall be subjected to investigation to determine the proper ratio.

B. In the training school there shall be at least one training-school teacher for every eighteen college students, each of whom does ninety clock hours of student teaching.

V. Preparation of Faculty

A. The minimum scholastic requirement for teachers in the training school shall be graduation from a college of recognized standing, presumably evidenced by possession of a bachelor's degree, or equivalent training. Six years after the date on which these standards take effect, the minimum scholastic requirement for all new training-school teachers shall be the same as for teachers in the college department.

Teachers who have been members of the faculty of the training school for not less than five years, and whose training is not equivalent to this requirement, may be considered to have equivalent training for six years after the date on which these standards take effect, provided that the president of the college submits a statement of their training and experience and files with the committee on accrediting and classification a declaration that such members of the faculty are rendering service in their own teaching and in the supervision of student teaching which is of a superior quality as judged by the standards of the best public-school systems in the state in which the college is located.

During this period of six years this declaration must be made annually and shall be based upon actual inspection of the teacher's work.

B. The minimum scholastic requirement for members of the faculty who give instruction in the college department shall be graduation from a college of recognized standing and additional training, which shall include at least one year of study in their respective fields of teaching in a recognized graduate school, or equivalent, and presumably possession of the master's degree. Members of the faculty who have served in their respective positions for not less than five years, and who do not meet this requirement, may be regarded as having done so for six years after the date on which these standards take effect, provided that the president of the college submits a statement of their training and experience and files a declaration that such members of the faculty are giving satisfactory instruction of college grade.

During this period of six years this declaration must be made annually until each such member of the faculty has secured the required training, and shall be based upon actual inspection of the work of such members of the faculty.

C. It is desirable that members of the faculty of the college should possess training of a distinctly professional quality, which represents at least three years of study beyond the bachelor's degree, in a recognized graduate school, or corresponding profes-

sional or technological training. The effort of a college to maintain a faculty of higher scholarly equipment than is required by the minimum standard shall be held to constitute a strong presumption that superior work is being done. The proportion of members of the faculty which should be on the different levels of training above the first degree shall be subjected to immediate investigation.

VI. Teaching Load of Faculty

The following teaching loads shall be the maximum for a teachers college faculty: Sixteen clock hours a week, or the equivalent. Equivalence shall be based upon the ratio of one class period to one and one half class periods in shop and laboratory work, one to one and one quarter in physical education, and one to three fourths in English composition.

VII. Training School and Student Teaching

A. Each teachers college shall maintain a training school under its own control as a part of its organization, as a laboratory school, for purposes of observation, demonstration, and supervised teaching on the part of students. The use of an urban or rural school system, under sufficient control and supervision of the college to permit carrying out the educational policy of the college to a sufficient degree for the conduct of effective student teaching, will satisfy this requirement.

B. Student teaching shall be so organized as to lead to a proper initial mastery of the technique of teaching and, at the same time, protect the interests of the children in the training school.

C. Each teacher in the training school, who is also responsible for a regular amount of supervision of student teaching, shall be required to have charge of not more than forty children at any one time.

D. The minimum amount of student teaching required of every graduate of a teachers college shall be ninety hours of supervised teaching.

E. For every eighteen college students to be given ninety hours of student teaching, there shall be a minimum group of thirty children, either in the campus training school or in affiliated urban or rural schools under the supervision of the college.

F. No training-school teacher shall supervise, in a year, the entire student teaching of more than eighteen college students, each of whom does ninety hours of student teaching, or an equivalent number of student teachers.

G. In the case of use of affiliated urban or rural schools for student-teaching purposes, when the degree of affiliation and control is restricted to such an extent that a teaching force of more limited training than is contemplated by these standards must be used, and which is not capable of effective supervision of student teaching, or which by the terms of the affiliation is not expected to do supervision of student teaching, there shall be one full-time supervisor of student teaching for every fifty student teachers, each of whom does ninety hours of student teaching. Such supervisors must possess the scholastic qualifications required of members of the faculty of the college department.

H. It is recommended that at least two-fifths of the teaching in the training school should be done by regular teachers of the training school or by other members of the faculty.

VIII. Organization of the Curriculum

A. The curriculum of the college must recognize definite requirements as regards sequences of courses. Senior college courses must not be open to Freshmen who have not taken the prerequisites for these courses. Programs consisting mainly of Freshmen and Sophomore courses carrying full credit, shall not be available for students in the junior and senior years. Coherent and progressive lines of study, leading to specific achievement within definite fields, must be a characteristic of the college curriculum.

Each teachers college must, therefore, adopt an organization of its curricula which will provide in the junior and senior years a sufficient number of advanced courses which require elementary courses as prerequisites, so that at least one half of the work of a student in the junior and senior years

shall consist of advanced courses open only to juniors and seniors.

B. In a normal school or junior teachers college with a three-year curriculum, one half of the work of students in the last year shall consist of advanced courses to which freshmen are not admitted.

IX. Library, Laboratory, and Shop Equipment

A. Each teachers college shall have a live, well-distributed, and professionally administered library bearing specifically upon the subjects taught. At least fifteen thousand volumes, exclusive of public documents, are recommended as a minimum.

B. Each college with less than five hundred students should have a definite annual appropriation for the purchase of new reference books and current periodicals, amounting to at least $2,500. Colleges with five hundred to one thousand students should have a definite annual appropriation amounting to at least five dollars for each student registered. Colleges with larger enrolments should have an amount equal to at least four dollars a student. The foregoing is to be regarded as a recommendation rather than a requirement.

C. Each college shall be provided with laboratory equipment sufficient for instructional purposes for each course offered.

D. Each college must be provided with suitable shops and shop equipment for instructional purposes for each course offered, including gymnasiums for physical education; commercial equipment for courses in commerce; suitable kitchens, dining-rooms and laboratories for household arts; and adequate farm buildings and demonstration farms for work in agriculture.

X. Location, Construction, and Sanitary Condition of Buildings

The location and construction of buildings, the lighting, heating, and ventilation of the rooms, the nature of the lavatories, corridors, closets, water supply, school furniture, apparatus, and method of cleaning, shall be such as to insure hygienic conditions for students and teachers.

XI. Limits of Registration of Students

A. No teachers college shall be placed on the accredited list, or continued on such list for more than one year, unless it has a regular registration of at least two hundred students of college grade.

B. A notably small proportion of students of college grade registered in the third and fourth years, continued over a period of several years, shall constitute ground for dropping a teachers college from the accredited list. Fifteen per cent of the enrolment of a teachers college should be in the junior and senior years.

C. A normal school or junior teachers college with a two-year curriculum must have an enrolment of at least sixty students of college grade, one third of whom must be in the second year.

XII. Financial Support

A. Each state or municipal teachers college must have an annual appropriation sufficient to provide: a faculty of the size, quality, and attainments hereinbefore prescribed; the required library, laboratory, and shop equipment with proper repairs and replacements; sufficient supplies and material in all departments for educational and instructional purposes; repairs and replacements in the physical plant adequate to maintain the plant in good working condition; and suitable staffs, supplies, and material for the effective operation of the physical plant. A marked inferiority or insufficiency in material resources shall be accepted as strong presumption of unsatisfactory educational conditions.

B. If the college is a private incorporated institution, it must have a minimum annual income of $50,000 for its teachers college program, one half of which shall be from sources other than payments by students; and an additional annual income of $10,000 for each one hundred students above two hundred, one half of which shall be from sources other than payments by students. If such college is not tax-supported, it shall possess a productive endowment of $500,000, and an additional endowment of $50,000 for each additional one hundred students above two hundred.

XIII. General Requirements

A. The character of the curriculum, the efficiency of the instruction, the scholarly spirit, and the professional atmosphere of the institution, the standard for granting degrees, and the general tone of the college shall be factors in determining eligibility or accrediting.

B. No teachers college shall maintain a secondary school, or a department in which strictly secondary-school academic work is offered as a part of its college organization, except for training-school purposes.

XIV. Classification of Colleges

A. Any teachers college which completely meets these requirements shall be designated as a Class A college, provided that during the first five years of the operation of these standards, a college may fail to meet the requirements of three of these standards and nevertheless be given the rating of a Class A college. (Any subdivision of a numbered section indicated by a letter shall be regarded as a standard, except where it is a recommendation only.)

B. Any teachers college which fails to conform to one or more of these standards shall be designated as a Class B college, provided that during the first five years of the operation of these standards, a college may fail to meet the requirements of five of these standards and nevertheless be given the rating of a Class B college.

C. Any teachers college which fails to conform to Standards VA, VB, VIA, VIIA, VIIC, VIID, VIIE, VIIF, VIIG and VIIIA shall be designated as a Class C college.

XV. Accrediting and Classification of Teachers Colleges

A. For the purpose of administering these standards, a committee of five members, known as the committee on accrediting and classification, is hereby created, one member of which shall be elected annually by the Association for a term of five years. (In 1926 five members shall be elected for terms of one, two, three, four, and five years respectively.)

B. The secretary of the association, or the executive secretary, whenever authorized and appointed by the association, shall be the secretary and the executive officer of the committee on accrediting and classification.

C. Each teachers college accredited under these standards shall file annually with the committee on accrediting and classification a report on a blank provided for that purpose by the committee.

D. These standards shall go into effect on September 1, 1927. Not later than the date of the annual meeting of the association in 1928, the committee on accrediting and classification shall prepare an accredited and classified list of teachers colleges on the basis of information contained in the reports submitted to the committee by the colleges.

E. The committee on accrediting and classification may inspect or cause to be inspected any teachers college when it deems such inspection necessary.

F. The committee on standards and surveys shall have power to appoint any commissions for investigation of any problems concerning standards which it deems necessary and desirable.

Membership List, 1926

Alabama:
- State Normal School, Florence.
- State Normal School, Troy.

Arizona:
- Northern Arizona Normal School, Flagstaff.
- Tempe State Teachers College, Tempe.

Arkansas:
- Arkansas State Teachers College, Conway.

California:
- Humboldt State Teachers College, Arcata.
- State Teachers College, Fresno.
- State Teachers College, San Diego.
- State Teachers College, San Francisco.
- State Teachers College, San Jose.
- State Teachers College, Santa Barbara.

Colorado:
- Colorado State Teachers College, Greeley.
- Western State College of Colorado, Gunnison.

CONNECTICUT:
State Normal School, Danbury.
State Normal School, New Britain.
State Normal School, New Haven.
State Normal School, Willimantic.

FLORIDA:
College of Education of Florida State College for Women, Tallahassee.

GEORGIA:
State Normal School, Athens.
Georgia State College for Women, Milledgeville.
Georgia State Woman's College, Valdosta.

HAWAII:
Territorial Normal and Training School, Honolulu.

IDAHO:
State Normal School, Albion.
State Normal School, Lewiston.

ILLINOIS:
Southern Illinois State Normal University, Carbondale.
Eastern Illinois State Teachers College, Charleston.
College of Education, University of Chicago, Chicago.
Northern Illinois State Teachers College, DeKalb.
Western Illinois State Teachers College, Macomb.
Illinois State Normal University, Normal.

INDIANA:
The Ball Teachers College, Muncie.
Indiana State Normal School, Terre Haute.

IOWA:
State Teachers College, Cedar Falls.

KANSAS:
Kansas State Teachers College, Emporia.
Kansas State Teachers College, Hays.
Kansas State Teachers College, Pittsburg.

KENTUCKY:
West Kentucky State Teachers College and Normal School, Bowling Green.
Louisville Normal School, Louisville.
Kentucky State Normal School, Morehead.
State Normal School, Murray.
East Kentucky State Normal School and Teachers College, Richmond.

LOUISIANA:
Louisiana State Normal College, Natchitoches.

MAINE:
State Normal School, Farmington.
State Normal School, Gorham.

MARYLAND:
State Normal School, Frostburg.
Maryland State Normal School, Towson.

MASSACHUSETTS:
Teachers College of the City of Boston, Boston.
State Normal School, Bridgewater.
State Normal School, Framingham.
State Normal School, Hyannis.
State Normal School, North Adams.
State Normal School, Salem.
State Normal School, Worcester.

MICHIGAN:
Western State Normal School, Kalamazoo.
Northern State Normal School, Marquette.
Central Michigan Normal School, Mt. Pleasant.
Michigan State Normal College, Ypsilanti.

MINNESOTA:
Bemidji Teachers College, Bemidji.
State Teachers College, Duluth.
State Teachers College, Mankato.
State Teachers College, Moorhead.
State Teachers College, St. Cloud.
State Teachers College, Winona.

MISSISSIPPI:
State Teachers College, Hattiesburg.

MISSOURI:
Southeast Missouri State Teachers College, Cape Girardeau.
Teachers College, Kansas City, Kansas City.
Northeast Missouri State Teachers College, Kirksville.
Northwest Missouri State Teachers College, Maryville.
Harris Teachers College, St. Louis.
Southwest Missouri State Teachers College, Springfield.
Central Missouri State Teachers College, Warrensburg.

NEBRASKA:
- Nebraska State Normal School and Teachers College, Chadron.
- Nebraska State Normal School and Teachers College, Kearney.
- Nebraska State Normal School and Teachers College, Peru.
- Nebraska State Normal School and Teachers College, Wayne.

NEW HAMPSHIRE:
- State Normal School, Keene.
- State Normal School, Plymouth.

NEW JERSEY:
- State Normal School, Trenton.

NEW MEXICO:
- New Mexico Normal University, East Las Vegas.
- New Mexico State Teachers College, Silver City.

NEW YORK:
- State College for Teachers, Albany.
- State Normal School, Brockport.
- State Normal School, Buffalo.
- State Normal School, Fredonia.
- State Normal School, New Paltz.
- Teachers College of Columbia University, New York City.
- State Normal and Training School, Oswego.

NORTH CAROLINA:
- Appalachian State Normal School, Boone.
- East Carolina Teachers College, Greenville.

NORTH DAKOTA:
- State Normal School, Dickinson.
- State Normal and Industrial School, Ellendale.
- State Normal School, Mayville.
- State Teachers College, Valley City.
- State Teachers College, Minot.

OHIO:
- University of Akron Teachers College, Akron.
- College of Education, Ohio University, Athens.
- State Normal College, Bowling Green.
- College of Education, University of Cincinnati, Cincinnati.
- Junior Teachers College of Cleveland, School of Education, Cleveland.
- Senior Teachers College of Cleveland, School of Education, Cleveland.
- State Normal College, Kent.
- Teachers College of Miami University, Oxford.

OKLAHOMA:
- East Central State Teachers College, Ada.
- Northwestern State Teachers College, Alva.
- Southeastern State Teachers College, Durant.
- Central State Teachers College, Edmond.
- Northeastern State Teachers College, Tahlequah.
- Southwestern State Teachers College, Weatherford.

OREGON:
- Oregon Normal School, Monmouth.

PENNSYLVANIA:
- Bloomsburg State Normal School, Bloomsburg.
- Clarion State Normal School, Clarion.
- East Stroudsburg State Normal School, E. Stroudsburg.
- Keystone State Normal School, Kutztown.
- State Normal School, Indiana.
- Slippery Rock State Normal School, Slippery Rock.

RHODE ISLAND:
- Rhode Island College of Education, Providence.

SOUTH CAROLINA:
- Clemson Agricultural College, Clemson College.
- Winthrop College, Rock Hill.

SOUTH DAKOTA:
- Northern Normal and Industrial School, Aberdeen.
- Eastern State Normal School, Madison.
- Spearfish Normal School, Spearfish.
- Southern State Normal School, Springfield.

TENNESSEE:
- East Tennessee State Teachers College, Johnson City.
- George Peabody College for Teachers, Nashville.

TEXAS:
- Sul Ross State Teachers College, Alpine.
- West Texas State Teachers College, Canyon.
- East Texas State Teachers College, Commerce.

North Texas State Teachers College, Denton.
Junior College, City of El Paso, El Paso.
Sam Houston State Teachers College, Huntsville.
Stephen F. Austin State Teachers College, Nacogdoches.
Southwest Texas State Teachers College, San Marcos.

UTAH:
School of Education in University of Utah, Salt Lake City.

VIRGINIA:
State Teachers College, East Radford.
State Normal School for Women, Farmville.
State Teachers College, Fredericksburg.
State Teachers College, Harrisonburg.

WASHINGTON:
Washington State Normal School, Bellingham.
Washington State Normal School, Cheney.
Washington State Normal School, Ellensburg.

WEST VIRGINIA:
Concord State Normal School, Athens.
State Normal School, Fairmont.
Marshall College, Huntington.
Shepherd College State Normal School, Shepherdstown.
West Liberty State Normal School, West Liberty.

WISCONSIN:
State Normal School, Eau Claire.
State Normal School, La Crosse.
Stout Institute, Menomonie.
State Normal School, Oshkosh.
State Normal School, River Falls.
State Normal School, Stevens Point.
State Normal School, Whitewater.

ENGINEERING

A School or College of Engineering is generally a part of a State university or of a land-grant college. Nearly all of the large privately controlled universities also have such schools. In addition there are some ten or twelve independent institutions devoted solely to engineering.

The Society for the Promotion of Engineering Education has been active in raising the standards of engineering schools. This it has undertaken through the *Journal of Engineering Education* and conferences of individuals. The society itself has individual membership, as have the American Institute of Chemical Engineers, American Institute of Electrical Engineers, the American Institute of Mining and Metallurgical Engineers, American Society of Mechanical Engineers, the American Society of Civil Engineers. No association of engineers has undertaken to formulate standards for engineering schools.

An important study of Engineering Schools was made for the Carnegie Foundation for the Advancement of Teaching by Dr. C. Riborg Mann in 1918: *Bulletin Number Eleven:* "A Study of Engineering Education." Another study under the same auspices, directed by Dr. W. E. Wickenden, is in progress. See also, "A Study of Engineering Curricula," by Walton C. John, Assistant Specialist in Higher Education, United States Bureau of Education, *Journal of Engineering Education*, New Series, XVI, Nos. 8 and 9; XVII, No. 5.

The following list, therefore, is not one prepared by any association of engineers. It is a list prepared during the war through cooperation of several agencies interested in coordination of efforts in the national defense.

ALABAMA:
Alabama Polytechnic Institute, Auburn.
University of Alabama, University.

ALASKA:
Alaska Agricultural College and School of Mines, Fairbanks.

ARIZONA:
University of Arizona, Tucson.

ARKANSAS:
University of Arkansas, Fayetteville.

CALIFORNIA:
University of California, Berkeley.
Stanford University, Stanford University
California Institute of Technology, Pasadena.
University of Santa Clara, Santa Clara.
University of Southern California, Los Angeles.

COLORADO:
University of Colorado, Boulder.
Colorado School of Mines, Golden.
Colorado College, Colorado Springs.
Colorado Agricultural College, Fort Collins.

CONNECTICUT:
Yale University (Sheffield Scientific School), New Haven.

DELAWARE:
University of Delaware, Newark.

DISTRICT OF COLUMBIA:
Catholic University of America, Washington.
George Washington University, Washington.
Howard University, Washington.

FLORIDA:
University of Florida, Gainesville.

GEORGIA:
University of Georgia, Athens.
Georgia School of Technology, Atlanta.

HAWAII:
University of Hawaii, Honolulu, T. H.

IDAHO:
University of Idaho, Moscow.

ILLINOIS:
Armour Institute of Technology, Chicago.
Lewis Institute, Chicago.
University of Illinois, Urbana.
Northwestern University, Evanston.

INDIANA:
Purdue University, Lafayette.
Rose Polytechnic Institute, Terre Haute.
University of Notre Dame, Notre Dame.

IOWA:
Iowa State College of A. & M. Arts, Ames.
State University of Iowa, Iowa City.

KANSAS:
University of Kansas, Lawrence.
Kansas State Agricultural College, Manhattan.

LOUISIANA:
Tulane University, New Orleans.
Louisiana State University and A. & M. College, Baton Rouge.

MAINE:
University of Maine, Orono.

MARYLAND:
Johns Hopkins University, Baltimore.
University of Maryland, College Park.

MASSACHUSETTS:
Massachusetts Institute of Technology, Boston.
Harvard University, Cambridge.
Worcester Polytechnic Institute, Worcester.
Tufts College, Tufts College.

MICHIGAN:
University of Detroit, Detroit.
University of Michigan, Ann Arbor.
Michigan State College of Agriculture and Applied Science, East Lansing.
Michigan College of Mines, Houghton.

MINNESOTA:
University of Minnesota, Minneapolis.

MISSISSIPPI:
Mississippi Agricultural and Mechanical College, Agricultural College.
University of Mississippi, University.

MISSOURI:
University of Missouri, Columbia.
University of Missouri School of Mines, Rolla.
Washington University, St. Louis.

MONTANA:
Montana State College of A. & M. Arts, Bozeman.
Montana State School of Mines, Butte.

NEBRASKA:
University of Nebraska, Lincoln.

NEVADA:
State University of Nevada, Reno.

NEW HAMPSHIRE:
Dartmouth College, Hanover.
University of New Hampshire, Durham.

NEW JERSEY:
Princeton University, Princeton.
Stevens Institute of Technology, Hoboken.
Rutgers University, New Brunswick.

NEW MEXICO:
State University of New Mexico, Albuquerque.
New Mexico College of A. & M. Arts, State College.
New Mexico School of Mines, Socorro.

NEW YORK:
Cornell University, Ithaca.
Rensselaer Polytechnic Institute, Troy.
Columbia University, New York City.
Union University, Schenectady.

Polytechnic Institute of Brooklyn, Brooklyn.
College of the City of New York, New York City.
New York University, New York City.
Clarkson College of Technology, Potsdam.
University of Rochester, Rochester.
Syracuse University, Syracuse.

NORTH CAROLINA:
University of North Carolina, Chapel Hill.
North Carolina College of A. and E., Raleigh.

NORTH DAKOTA:
North Dakota Agricultural College, Agricultural College.
University of North Dakota, University.

OHIO:
University of Cincinnati, Cincinnati.
Ohio State University, Columbus.
Case School of Applied Science, Cleveland.
Municipal University of Akron, Akron.

OKLAHOMA:
University of Oklahoma, Norman.
Oklahoma A. & M. College, Stillwater.

OREGON:
Oregon State Agricultural College, Corvallis.

PENNSYLVANIA:
University of Pennsylvania, Philadelphia.
Lehigh University, South Bethlehem.
Pennsylvania State College, State College.
University of Pittsburgh, Pittsburgh.
Lafayette College, Easton.
Carnegie Institute of Technology, Pittsburgh.
Bucknell University, Lewisburg.
Swarthmore College, Swarthmore.
Drexel Institute, Philadelphia.
Gettysburg College, Gettysburg.
Pennsylvania Military College, Chester.
Villanova College, Villanova.

PHILIPPINE ISLANDS:
University of the Philippines, Manila, P. I.

PORTO RICO:
University of Porto Rico, Rio Piedras, P. R.

RHODE ISLAND:
Rhode Island State College, Kingston.
Brown University, Providence.

SOUTH CAROLINA:
Clemson Agricultural College, Clemson College.
University of South Carolina, Columbia.
South Carolina Military Academy (The Citadel), Charleston.

SOUTH DAKOTA:
South Dakota State College of A. & M. Arts, Brookings.
University of South Dakota, Vermillion.
South Dakota State School of Mines, Rapid City.

TENNESSEE:
Vanderbilt University, Nashville.
University of Tennessee, Knoxville.

TEXAS:
University of Texas, Austin.
Agricultural and Mechanical College of Texas, College Station.
Rice Institute, Houston.

UTAH:
University of Utah, Salt Lake City.
Agricultural College of Utah, Logan.

VERMONT:
University of Vermont, Burlington.
Norwich University, Northfield.

VIRGINIA:
University of Virginia, University.
Virginia Agricultural and Mechanical College and Polytechnic Institute, Blacksburg.
Virginia Military Institute, Lexington.
Washington and Lee University, Lexington.

WASHINGTON:
University of Washington, Seattle.
State College of Washington, Pullman.

WEST VIRGINIA:
West Virginia University, Morgantown.

WISCONSIN:
University of Wisconsin, Madison.
Marquette University, Milwaukee.

WYOMING:
University of Wyoming, Laramie.

JOURNALISM

The Association of American Schools and Departments of Journalism and the American Association of Teachers of Journalism adopted December 30, 1924, principles and standards of education for journalism formulated by a Council on Education for Journalism which included Willard G. Bleyer,

Director, Court in Journalism, University of Wisconsin; John W. Cunliffe, Director, School of Journalism, Columbia University; Eric W. Allen, Dean, School of Journalism, University of Oregon; Nelson A. Crawford, Professor of Industrial Journalism, Kansas State Agricultural College; Joseph S. Myers, Professor of Journalism, Ohio State University.

GENERAL PRINCIPLES

Because of the importance of newspapers and periodicals to society and government, adequate preparation is as necessary for all persons who desire to engage in journalism as it is for those who intend to practice law or medicine. No other profession has a more vital relation to the welfare of society and to the success of democratic government than has journalism. No other profession requires a wider range of knowledge or greater ability to apply such knowledge to current events and problems than does journalism. Adequate preparation for journalism, therefore, must be sufficiently broad in scope to familiarize the future journalist with the important fields of knowledge, and sufficiently practical to show the application of the knowledge to the practice of journalism.

Under present conditions the best means of acquiring this essential knowledge and of learning its application is a four-year course of study in a college or university, including such subjects as History, Economics, Government and Politics, Sociology, Literature, Natural Science, and Psychology or Philosophy. Not merely acquisition of knowledge but encouragement to independent thinking and fearless search for truth should be the purpose of all courses in preparation for the profession of journalism. Instruction in all subjects in the curriculum should be vitalized by research and contact with current developments, on the part of instructors.

Preparation for journalism should also include instruction and practice in journalistic technique, and consideration of the responsibility of the journalist to society. All instruction in journalism should be based on a recognition of the function of the newspaper and other publications in society and government, and should not be concerned merely with developing proficiency in journalistic technique. The aims and methods of instruction should not be those of a trade school but should be of the same standard as those of other professional schools and colleges.

Since a liberal education is recognized as essential for the journalist, the amount of instruction in journalistic technique should not constitute so large a part of the four-year course as to exclude courses in other essential subjects. Although courses in the technique of journalism will naturally be concentrated in the last two years of the four-year course, students in these years should also have the opportunity to pursue advanced work in such subjects as Economics, Government and Politics, History, and Literature.

In all courses in journalism, as in courses in other subjects, instruction should be given by teachers with adequate preparation. The requirements for instructors in journalism should include at least a bachelor's degree as well as practical journalistic experience. Moreover, instruction in journalism should be vitalized by contact with current journalistic conditions, on the part of instructors.

STANDARDS

On the basis of these general principles, which should determine standards of education for journalism, the following specific requirements are considered essential:

1. That instruction in preparation for journalism shall be organized as a separate academic unit; *e. g.*, a department, course, or school of journalism; with a dean, director, or professor at its head.

2. That the successful completion of four years' work in a college or university, consisting of not less than 120 semester units, be required for a bachelor's degree in the department, course, or school of journalism.

3. That the form of the bachelor's degree granted shall indicate that the students upon whom it is conferred have successfully completed the requirements for a degree in journalism; *e. g.*, bachelor of arts in journalism; bachelor of science, course in journalism; bachelor of journalism.

4. That the four-year course required for the bachelor's degree in journalism shall normally include History, Economics, Government and Politics, Sociology, Literature,

Natural Science, and Psychology or Philosophy. A reading knowledge of at least one modern foreign language is desirable.

5. That the courses offered in journalism shall afford instruction and practice in reporting, copy reading, editorial writing, and the writing of special articles; and instruction in the history of journalism, the principles, or ethics, of journalism (with particular reference to the duties and responsibilities of the journalist to society), and the law of the press.

6. That in courses in journalism requiring writing and copy reading, the students shall have the advantage of constant individual criticism of their work by competent instructors, not by students or other assistants; and that as far as possible students shall be given the benefit to be derived from seeing their work in print.

7. That in courses in newspaper reporting students shall be required to cover regular news assignments, and that they shall have the benefit of constant criticism by competent instructors, not students or assistants, on the manner in which they handle such assignments.

8. That students shall not receive academic credit for practical journalistic work unless such work is done under the immediate supervision of an instructor in journalism as a part of a regular college course in journalism.

9. That the number of instructors in journalism shall be sufficient to insure careful attention to the individual needs of the students in the instructors' courses, and that the amount of class and laboratory work required of each instructor shall not exceed that of instructors in similar departments, such as that of English composition.

10. That instructors in journalism shall be encouraged to carry on research work and to contribute to the literature of the subject.

11. That a collection of the standard books on various phases of journalism shall be available for the use of the students, and that students be required to familiarize themselves with these books. Sufficient laboratory equipment shall also be available for use in connection with instruction in the technique of journalism.

12. That the standards of admission to and graduation from the department, course, or school of journalism shall be sufficiently high to prevent students lacking in knowledge, ability, or proficiency from obtaining a degree in journalism.

The members of the Association of American Schools and Departments of Journalism are as follows:

ILLINOIS:
- Northwestern University, Medill School of Journalism, Evanston.
- University of Illinois, Urbana.

INDIANA:
- Indiana University, Bloomington.

IOWA:
- University of Iowa, Department of Journalism, Iowa City.

KANSAS:
- Kansas State College, Department of Journalism, Manhattan.
- University of Kansas, Department of Journalism, Lawrence.

MICHIGAN:
- University of Michigan, Department of Journalism, Ann Arbor.

MISSOURI:
- University of Missouri, School of Journalism, Columbia.

MONTANA:
- State University of Montana, Missoula.

NEBRASKA:
- University of Nebraska, Department of Journalism, Lincoln.

NEW YORK:
- Columbia University, Pulitzer School of Journalism, New York City.
- Syracuse University, Syracuse.

OHIO:
- Ohio State University, Columbus.

OKLAHOMA:
- University of Oklahoma, Norman.

OREGON:
- University of Oregon, Eugene.

TEXAS:
- University of Texas, Austin.

WASHINGTON:
- University of Washington, School of Journalism, Seattle.

WISCONSIN:
- University of Wisconsin, Madison.

LAW SCHOOLS

American legal education has been discussed in Annual Reports of the Carnegie Endowment for the Advancement of Teaching since 1913. Bulletins of special interest are these: Bulletin Number 8: *The Common Law and the Case Method in American University Law Schools*, by Josef Redlich, 1915. Bulletin Number 15: *Training for the Public Profession of the Law*, by Alfred Z. Reed, 1921, from which the following with slight modifications has been reprinted. These may be secured without charge on application to the Carnegie Foundation for the Advancement of Teaching, 522 Fifth Avenue, New York City, New York.

The Association of American Law Schools established in 1900 for the improvement of legal education in America set up certain qualifications for membership. Amended from time to time these criteria now constitute standards for law schools in the United States.

The American Bar Association, through its "Council on Legal Education and Admission to the Bar," recommends standards to the admitting authorities of the several States. As yet there has been no general adoption of these standards as is made clear by consideration of the Bar admission requirements. The moral pressure of the Council on Legal Education in combination with that of the Association of American Law Schools, however, is directly influencing the law schools of the country.

Educational Requirements for Admission to Legal Practice

in effect for those beginning to study law in the autumn of 1925

Hitherto, in the case of States that prescribe a definite period of law study, the question whether this training must or may be secured in a day law school, or in an evening law school, or in a law office, or elsewhere, has been answered only when (as, for instance, in California) the location of the study affects the length of the period prescribed, or when (as, for instance, in New Jersey) even applicants who secure the major part of their preparation in a law school are required to spend a certain minimum period in an office. Very commonly in the United States applicants are required to secure their legal preparation either entirely in a law school, or partly in a law school and partly in a law office, or entirely in an office. For reasons of brevity this system is here indicated by the expression "Law school or office," which is to be read as equivalent to "All law school, or law school and office, or all office." It will be noted that while in many American States the location of the law study is more laxly defined, in a few States, as universally in Canada, the requirement is more severe. When law school and law office work are combined, the manner in which the student's time must be distributed between the two is then often carefully prescribed. In this digest, however, in order not to confuse the reader with too much detail, this interesting point is omitted, and only the aggregate length of the period is given.

The title of the last column is: "Number of Law Schools whose Graduates need be Examined only by their own Faculty." So far as concerns the United States, these two expressions mean the same thing. For applicants in general there is always a professional examination, in the conduct of which the school faculty does not participate; outside of Indiana the only distinction is between States where every applicant (not already admitted to practice elsewhere) must submit to this examination, and States where graduates of certain law schools are exempted from further educational tests; schools thus favored are commonly said to "possess the diploma privilege." The caption is intended to reveal the underlying evil that the Washington Conference on Legal Education had in mind when it phrased its condemnation of the diploma privilege in the following terms:

> We agree with the American Bar Association that graduation from a law school should not confer the right of admission to the Bar, and that every candidate should be subjected to examination by public authority other than the authority of the law school of which he is a graduate.

General Education	*Location of Law Study*	*Period of Law Study*	*No. of Law Schools whose Graduates need be Examined only by their own Faculty*
ALABAMA			
Mentioned, but no specific requirement	Mentioned, but no specific requirement	Eighteen months	1
ARIZONIA			
Mentioned, but no specific requirement	Mentioned, but no specific requirement	Mentioned, but no specific requirement	0
ARKANSAS			
Not mentioned in rules	Not mentioned in rules	Not mentioned in rules	0
CALIFORNIA			
Not mentioned in rules	Law school, or office, or elsewhere under proper direction	Three years in a day law school, or in full-time work in a law office, correspondence school, or in private study; four years in an evening law school	0
COLORADO			
Equivalent of one year college, within six months after beginning law study	Law school or office	Three years	0
CONNECTICUT			
Equivalent of high school, prior to beginning law study	Law school or office	Three years[1]	0
DELAWARE			
Equivalent of high school, prior to beginning law study	Under the direction of a member of the Bar, either in law school, or office, or private study	Three years	0
DISTRICT OF COLUMBIA			
Mentioned, but no specific requirement	Law school or office	Three years	0
FLORIDA			
Mentioned, but no specific requirement	Mentioned, but no specific requirement	Mentioned, but no specific requirement	2
GEORGIA			
Not mentioned in rules	Not mentioned in rules	Not mentioned in rules	4
IDAHO			
Equivalent of high school, prior to taking bar examination	Law school, or office, or elsewhere under proper direction	Three years full-time work in a day law school, law office, correspondence school, or in private study; four years in an evening law school	0
ILLINOIS			
Equivalent of one year college, prior to beginning law study.[2]	Law school or office	Three years if wholly in a law school requiring twelve hours recitations each week; otherwise, four years. Office students must receive at least 120 hours per year of actual legal instruction, and be examined annually by the Board	0
INDIANA			
Not mentioned in rules	Not mentioned in rules	Not mentioned in rules	0[3]
IOWA			
Equivalent of high school, prior to taking bar examination	Law school or office	Three years	0
KANSAS			
Equivalent of two years college; prior to beginning law study	Law school or office	Three years, or longer in case of part-time work. Reports as to work of office students must be submitted semi-annually to the Board	0

[1] After July 1, 1929, evening courses of less than four years will not be accepted.
[2] For applicants beginning their law studies after July 1, 1926, equivalent of two years college.
[3] Any applicant may insist upon constitutional right to admission without educational examination.

General Education	*Location of Law Study*	*Period of Law Study*	*No. of Law Schools whose Graduates need be Examined only by their own Faculty*
KENTUCKY			
Mentioned, but no specific requirement	Law school or office	Two years	0
LOUISIANA			
Equivalent of high school, prior to taking bar examination	Law school, or under the supervision of a reputable Louisiana lawyer	Three years	0
MAINE			
Not mentioned in rules	Law school or office	Three years full-time work in a day law school or in a law office; four years in an evening law school	0
MARYLAND			
Equivalent of high school, prior to beginning law study	Law school or office	Three years	0
MASSACHUSETTS			
Equivalent of two years evening high school, prior to taking bar examination	Law school, or office, or elsewhere under proper direction	Three years full-time work in a day law school, law office, correspondence school, or in private study; four years in an evening law school	0
MICHIGAN			
Equivalent of high school, prior to beginning law study, except that law school students may carry a deficiency of 25% up to their third year	Law school or office	Three years in a law school or four years in a law office, with a minimum of 4 daily hours of study, 6 days in the week, during 36 weeks each year	0
MINNESOTA			
Equivalent of high school, prior to beginning law study	Law school or office	Three years if wholly in a day law school; otherwise, four years	0
MISSISSIPPI			
Equivalent of high school, prior to taking bar examination	Mentioned, but no specific requirement	Mentioned, but no specific requirement	1
MISSOURI			
Common school education and fair knowledge of civil government, literature, and history, prior to taking bar examination	Not mentioned in rules	Mentioned, but no specific requirement	0
MONTANA			
Equivalent of two years college, prior to taking bar examination	Not mentioned in rules	Two years (24 months)	1
NEBRASKA			
Equivalent of three years high school, prior to taking bar examination	Law school or office	Three years	2
NEVADA			
Mentioned, but no specific requirement	Mentioned, but no specific requirement	Mentioned, but no specific requirement	0
NEW HAMPSHIRE			
Mentioned, but no specific requirement	Law school or office	Three years	0

General Education	*Location of Law Study*	*Period of Law Study*	*No. of Law Schools whose Graduates need be Examined only by their own Faculty*
NEW JERSEY			
Equivalent of high school, prior to beginning law study	All office, or law school and office	Three years. Full time must be devoted to the office work	0
NEW MEXICO			
Equivalent of high school, prior to taking bar examination	Law school or office	Three years	0
NEW YORK			
Equivalent of high school, prior to beginning law study	All office, or law school and office, or (for applicants having at least two years of college training) all law school	Three years for college graduates, four years for others. Full time must be devoted to the office work	0
NORTH CAROLINA			
Not mentioned in rules	Mentioned, but no specific requirement	Two years	0
NORTH DAKOTA			
Not mentioned in rules	Day classes of a law school, or office	Three years	0
OHIO			
High school education, prior to beginning law study	Law school, or under the tutorage of a practising attorney	Three years in a full-time law school; four years in a part-time law school or under an attorney providing at least 200 hours per year of actual legal instruction	0
OKLAHOMA			
Equivalent of high school, prior to taking bar examination	Mentioned, but no specific requirement	Two years	1
OREGON			
Evidence satisfactory to the board, prior to taking bar examination	Not mentioned in rules	Three years	0
PENNSYLVANIA			
Equivalent of high school, including college entrance Latin,[1] prior to beginning law study	Law school or office	Three years in a law school requiring ten hours recitations each week, or in a law office; otherwise, four years	0
RHODE ISLAND			
Equivalent of high school, prior to beginning law study	All office, or law school and office	Two years for college graduates, three years for others, or a longer period in the case of schools rated as not of full standing or efficiency. Full time must be devoted to the office work	0
SOUTH CAROLINA			
Equivalent of high school, prior to taking bar examination	Law school, or office, or under the direction of a member of the South Carolina Bar	Two years	1
SOUTH DAKOTA			
Equivalent of high school, prior to taking bar examination	Law school or office	Three years	1
TENNESSEE			
Equivalent of high school, prior to beginning law study	Law school or office	One year	0
TEXAS			
Evidence satisfactory to the Board, prior to taking bar examination	Not mentioned in rules	Two years	14

[1] College graduates may substitute for the Latin requirements cultural equivalents satisfactory to the Board.

General Education	Location of Law Study	Period of Law Study	No. of Law Schools whose Graduates need be Examined only by their own Faculty
UTAH			
Mentioned, but no specific requirement	Not mentioned in rules	Three years	1
VERMONT			
Equivalent of high school, prior to beginning law study	All office, or law school and office	Three years	0
VIRGINIA			
Mentioned, but no specific requirement	Local law school for non-residents; local law school or office for minors; no requirement for others	Two years for non-residents or minors; no requirement for others	0
WASHINGTON			
Equivalent of high school, prior to beginning law study	Law school or office	Three years in an approved day law school, or four years in an approved evening law school, but in case no degree has been received, an additional year must be spent in a law office. Four years in a law office with a minimum of 18 weekly hours of study during 30 weeks each year	0
WEST VIRGINIA[1]			
Equivalent of high school, prior to beginning law study	Law school certified by the Association of American Law Schools as complying with the 1921 standards of the American Bar Association; or law office offering equivalent course	Three years	1
WISCONSIN			
Equivalent of high school, prior to taking bar examination	Mentioned, but no specific requirement	Three years	1
WYOMING			
Mentioned, but no specific requirement	Law school, or office, or correspondence school	Three years	0

[1] For applicants not completing academic and legal preparation before July 1, 1928, equivalent of two college years, followed by three years in approved law school No credit for office study.

STANDARDS

STANDARDS OF THE AMERICAN BAR ASSOCIATION AS INTERPRETED BY ITS COUNCIL ON LEGAL EDUCATION	CORRESPONDING STANDARDS OF THE ASSOCIATION OF AMERICAN LAW SCHOOLS*
Amount of Preliminary Education Required for Admission to the Law School	
(*a*) It shall require as a condition of admission at least two years of study in a college.	It shall require of all candidates for its degree at the time of their admission to the school either the completion of two years of college work or such work as would be accepted for

*The Association of American Law Schools has additional requirements affecting the operation of the school as a non-commercial enterprise, the ascertainment of scholarship by examination, and the maintenance of a system of student records. Note also that in connection with the duration of the law school course it prescribes, as the American Bar Association does not, the amount of classroom instruction.

admission to the third or junior year in the College of Liberal Arts of the State university or of the principal colleges and universities in the State where the law school is located.

A school which admits certain students who do not fully meet the requirements will not be considered as failing to comply with standard (*a*) provided the number of students does not exceed ten per cent of its enrolment.

Students who enter with less than the academic credit required of candidates for the law degree by [the preceding rule] must be twenty-one years of age, and the number of such students admitted each year shall not exceed ten per cent of the average number of students first entering the school during each of the two preceding years.

Students may register as candidates for the law degree, though conditioned in not to exceed three year-hours of college work.

The Law School Course for Full-time Students

(*b*) It shall require its students to pursue a course of three years duration if they devote substantially all of their working time to their studies,

A school whose curriculum and schedule of work are so arranged that in the opinion of the Executive Committee substantially the full working time of its students is required for the work of the school shall be considered a full-time school. A full-time school shall require of its candidates for the first degree in law resident study of law during a period of at least ninety weeks, and the successful completion of at least ten hundred and eighty hours of classroom instruction in law.

Treatment of Part-time Work

and a longer course, equivalent in the number of working hours, if they devote only part of their working time to their studies.

A school whose curriculum and schedule of work are so arranged that in the opinion of the Executive Committee substantially the full working time of its students is not required for the work of the school shall be considered a part-time school. A part-time school must maintain a curriculum which, in the opinion of the Executive Committee, is the equivalent of that of a full-time school. The action of the Executive Committee under this paragraph shall in each instance be reported to the Association at its next annual meeting and shall stand as the action of the Association until set aside by a vote of a majority of all the members of the Association.

A school does not comply with the standards unless it complies with all of them and as to all its departments or courses. For example, an institution maintaining both a day and a night school, one of which complies and the other does not, cannot be considered as complying.

Any school now or hereafter a member of the Association, that conducts both full- and part-time curricula, must comply as regards each with the requirements therefor as set forth in the preceding paragraphs.

No school shall be or remain eligible to membership if the institution of which it is a part shall through any other agency conduct instruction in law designed to prepare students for admission to the Bar or for Bar examinations, save in conformity with the provisions of the preceding paragraphs.

A part-time course of at least 160 weeks, covering four school years, is the equivalent of a three-year, full-time course. This action is the same as that taken by the Association of American Law Schools on the same problem.

Upon establishment of curricula in their part-time schools covering a period of at least 160 weeks distributed over not less than four years, exclusive of holiday and vacation periods, and their compliance in other respects with the requirements [for membership, certain schools] will be eligible for membership.

Library

(*c*) It shall provide an adequate library available for the use of the students.

It shall own a law library of not less than five thousand volumes well selected and properly housed and administered for the use of its students.

Faculty

(*d*) It shall have among its teachers a sufficient number giving their entire time to the school to ensure actual personal acquaintance and influence with the whole student body.

In determining what is such a sufficient number, the Council will ordinarily not approve a school where the number of full-time instructors is fewer than one for each one hundred students or major fraction thereof.

Its faculty shall consist of at least three instructors who devote substantially all of their time to the work of the school; and in no case shall the number of such full-time instructors be fewer than one for each one hundred students or major fraction thereof.

These standards differ from those recommended to the State admitting authorities in that they are already realized in many institutions. Indeed, several law schools have advanced far beyond them. There can be no doubt that in the minds of many, at least, of those who subscribe to them they constitute a set of minimum qualifications, which ought to be found in any law school worthy of the name. The following table shows how many law schools are now officially recognized by either (or in most cases by both) the Association of American Law Schools or the Council on Legal Education, as complying with their standards, and how many schools operate without the approval of these organizations.

LAW SCHOOLS CLASSIFIED ACCORDING TO MEMBERSHIP IN THE ASSOCIATION OF AMERICAN LAW SCHOOLS AND APPROVAL BY THE COUNCIL ON LEGAL EDUCATION IN THE AUTUMN OF 1925

	Members of A. A. L. S. approved by Council	*Members of A. A. L. S. not approved by Council*	*Non-Members of A. A. L. S. approved by Council*	*Non-Members of A. A. L. S. not approved by Council*	*Total*
Full-time schools requiring after the high school:					
More than five academic years	11	0	0	1	12
Five academic years	43	2	0	8	53
Three or four academic years	0	0	0	10	10
Part-time schools requiring three or more academic years	0	0	0	67	67
Mixed full-time and part-time schools	5	0	1	11	17
Schools having a law course of less than three academic years	0	0	0	8	8
Total[1]	59	2	1	105	167

[1] In continental United States. The total membership of the A. A. L. S., at this date, included one school each in the Philippine Islands and in Canada.

Of 167 law schools listed in Bulletin Number 15 of the Carnegie Endowment for the Improvement of Teaching, 75 are full-time schools, 12 require more than five academic years in preparation for the law, 53 require five academic years, and 10 require three or four academic years. There are 17 which are described as mixed full-time and part-time schools; 67 of which are part-time schools requiring three or more academic years; and 8 of which have a course of less than three academic years.

Degrees conferred include: LL.B., B.C.L., J.B., J.D., LL.M., M.L., LL.D., M.C.L., D.C.L., Jur.D., J.D., S.J.D., Master of Patent Law.

These standards have already been satisfied by 64 American law schools. Several have established much higher requirements. Obviously the members of the Association of American Law Schools regard these as minimum requirements. Only institutions approved by the Council on Legal Education and the Association of American Law Schools are included in the following list. Law Schools which do not at present satisfy these requirements may be studied in the complete list published in Bulletin Number 15 of the Carnegie Endowment for the Improvement of Teaching.

Residential Law Schools in Operation, 1925–26

The symbols attached to each school measure roughly the extent of its *prima facie* compliance with the three standards, affecting the amount of time devoted by students to their work, that have been formulated by the American Bar Association. That is to say, the roman numerals show the minimum number of college years that are required for admission to regular standing as candidate for a degree, without regard to the important complications produced by the admission of special students, etc., or of regular students with entrance conditions. An asterisk means that a college degree is required for admission.

The letter M (morning) denotes that classroom sessions preëmpt the best working hours of the day, and that therefore students are, or may be, required to devote to their studies all of their time not needed for necessary recreation; while the letters A (afternoon, including early morning) and E (evening) denote that classroom sessions are held at other hours, more generally convenient for self-supporting students. The arabic numerals show the minimum duration of the law school course, in academic years or their equivalent. When separate divisions are conducted at different hours of the day, the requirements for each are stated in full, separated by commas. In all cases the symbols denote the requirements in force for those who entered the regular first-year class at the beginning of the autumn term of 1925.

California:

University of California, School of Jurisprudence, Berkeley. IIIM3.

University of Southern California, The School of Law, Los Angeles. IIM3, IIE5.

Stanford University, The Law School, Palo, Alto, IIM4 or IIIM3.

University of California, Hastings College of the Law, San Francisco. IIM3.

Colorado:

University of Colorado, School of Law, Boulder. IIM3.

Connecticut:

Yale University, School of Law, New Haven. IIIM3 or IIIM4.

District of Columbia:

The Catholic University of America, The School of Law, Washington. IIM3.

Georgetown University, School of Law, Washington. IIM3, IIA4.

George Washington University, Law School, Washington. IIM3, IIA4.

Florida:

University of Florida, College of Law, Gainesville. IIM3.

Georgia:

Emory University, The School of Law (Lamar School of Law), Atlanta. IIM3.

Mercer University, The Law School, Macon. IIM3.

Idaho:

The University of Idaho, The College of

Law (The Idaho Law School), Moscow. IIM3.

ILLINOIS:

De Paul University, College of Law (Illinois College of Law), Chicago. IIM3, IIE4.

Loyola University, School of Law, Chicago. IIM3, IIE4.

Northwestern University, School of Law (Union College of Law), Chicago. *IIIM3 or IIIM4.

The University of Chicago, The Law School, Chicago. IIIM3.

University of Illinois, College of Law, Urbana. IIM3 or IIM4.

INDIANA:

Indiana University, School of Law, Bloomington. IIM3.

The University of Notre Dame, The College of Law, Notre Dame. IIM3.

IOWA:

Drake University, The Law School, Des Moines. IIM3.

The State University of Iowa, College of Law, Iowa City. IIM3.

KANSAS:

The University of Kansas, The School of Law, Lawrence. IIM3.

Washburn College, School of Law, Topeka. IIM3.

KENTUCKY:

University of Kentucky, College of Law, Lexington. IIM3.

LOUISIANA:

Louisiana State University, The Law School, Baton Rouge. IIM3.

Tulane University of Louisiana, College of Law, New Orleans. IIM3.

MASSACHUSETTS:

Boston University, The School of Law, Boston. IIM3.

Harvard University, The Law School, Cambridge. *IIIM3.

MICHIGAN:

University of Michigan, Law School, Ann Arbor. IIM3.

MINNESOTA:

University of Minnesota, The Law School, Minneapolis. IIM3.

MISSOURI:

The University of Missouri, School of Law, Columbia. IIM3.

St. Louis University, School of Law, St. Louis. IIM3, IIE4.

Washington University, The School of Law, St. Louis. IIM3.

MONTANA:

University of Montana, School of Law, Missoula. IIM3.

NEBRASKA:

The University of Nebraska, College of Law, Lincoln. IIM3.

The Creighton University, College of Law, Omaha. IIM3.

NEW YORK:

Cornell University, The Cornell Law School, Ithaca. IIM3.

Columbia University, School of Law, New York City. IIIM3.

Syracuse University, College of Law, Syracuse. IIM3.

NORTH CAROLINA:

The University of North Carolina, The School of Law, Chapel Hill. IIM3.

NORTH DAKOTA:

The University of North Dakota, School of Law, Grand Forks. IIM3.

OHIO:

University of Cincinnati, College of Law (Cincinnati Law School), Cincinnati. IIM3.

Western Reserve University, The Franklin Thomas Backus Law School, Cleveland. IIIM3.

The Ohio State University, College of Law, Columbus. IIM3.

OKLAHOMA:

University of Oklahoma, The School of Law, Norman. IIM3.

OREGON:

The University of Oregon, School of Law, Eugene. IIM3.

PENNSYLVANIA:

University of Pennsylvania, The Law School, Philadelphia. IIIM3.

University of Pittsburgh, School of Law, Pittsburgh. IIIA3.

SOUTH CAROLINA:

University of South Carolina, School of Law, Columbia. IIM3.

SOUTH DAKOTA:

University of South Dakota, School of Law, Vermillion. IIM3.

TENNESSEE:
The University of Tennessee, College of Law, Knoxville. IIM3.

TEXAS:
University of Texas, School of Law, Austin. IIM3.

VIRGINIA:
The University of Virginia, Department of Law, Charlottesville. IIM3.
Washington and Lee University, School of Law, Lexington. IIM3.

WASHINGTON:
University of Washington, School of Law, Seattle. IIM3.

WEST VIRGINIA:
West Virginia University, The College of Law, Morgantown. IIM3.

WISCONSIN:
The University of Wisconsin, Law School, Madison. IIM3.
Marquette University, Law School, Milwaukee. IIM3.

WYOMING:
University of Wyoming, The Law School, Laramie. IIM3.

LIBRARY

The American Library Association founded in 1876 has always been interested in advancing the professional training of librarians. In 1924 it created a Board of Education for Librarianship which was charged with the duty of formulating for the approval of the Council of the American Library Association "minimum standards for library schools, for summer library courses, for courses on school library work in normal schools and teachers colleges, for training and apprentice classes, for correspondence and extension courses, and for such other educational agencies as may arise," "to classify these agencies in accordance with the standards thus adopted" and to "publish annually a list of the accredited agencies."

The minimum standards were adopted July 7, 1925, by the Council of the American Library Association. January 1, 1926, the Council adopted minimum standards for summer courses in Library Science; March 7, 1926, minimum standards for Library Training and Apprentice Classes; and in October, 1926, minimum standards for curricula in School Library Work. These are printed in the Second Annual Report of the Board of Education for Librarianship, American Library Association, Chicago, Illinois.

MINIMUM STANDARDS FOR JUNIOR UNDERGRADUATE LIBRARY SCHOOLS

ORGANIZATION: A junior undergraduate library curriculum or school shall be connected or affiliated with an approved library, college, or university.

ADMINISTRATION: The executive officer shall have sufficient authority, delegated from the governing body, to administer the school in accordance with the general policies of the institution.

Secretarial assistance shall be available for keeping adequate personnel and other records.

INSTRUCTIONAL STAFF: Number: For a school of fifty students, four full-time* teachers. (The executive officer may be included in this number if full time is given to the school.) The majority of these teachers in academic institutions shall have professorial rank, one at least being a full professor, and in other institutions shall rank with heads of departments. In addition there shall be an adequate number of part-time * teachers, and the necessary assistance to cover the revision of student work and other duties.

QUALIFICATIONS:† 1. Academic preparation: Degree representing four years of work in an approved college or university, or an equivalent acceptable to the Board of Education for Librarianship. 2. Professional preparation: Completion of one year of work in an accredited library school, or an equivalent acceptable to the Board of Education for Librarianship. 3. Experience: Practical knowledge of the subjects taught, and efficiency in teaching.

* Teaching schedules should not exceed 15 class hours per week per instructor, the laboratory hours for cataloguing and classification to count as class hours. A part-time teacher is one who teaches at least 9 class hours per semester.

† It is desirable that the staff shall have had varied preparation including library experience.

Financial Status: The financial provision for the school shall be such as to guarantee a faculty adequately salaried and sufficient in number to allow for research, and to ensure an environment which shall meet the approval of the Board of Education for Librarianship.

Library Facilities, Quarters, and Equipment: Library facilities, quarters, and equipment shall meet the approval of the Board of Education for Librarianship. The school shall be situated where various types of libraries are readily accessible for practical work and observation, thus making possible the proper correlation of theory and practice.

Requirements for Admission:* One year of work acceptable for admission to the sophomore class of an approved college or university, evidenced by a transcript of the college record. Two months of satisfactory general experience in an approved library, or its equivalent. Aptitude and personal qualifications for library work and evidence of ability to pursue profitably the curriculum.

Length of Curriculum: One academic year.

Certificate: Certificate for the satisfactory completion of the professional curriculum.

Minimum Standards for Senior Undergraduate Library Schools

Organization: A senior undergraduate library curriculum or school shall be connected with an approved degree-conferring institution.

Administration: The executive officer shall have sufficient authority, delegated from the governing body, to administer the school in accordance with the general policies of the institution.

Secretarial assistance shall be available for keeping adequate personnel and other records.

* The school should reserve the right to refuse to admit an applicant who meets the first two requirements but who fails in the third; and the right to admit an applicant who does not meet the first two requirements but who satisfies the faculty that he can carry the work without a lowering of the standards of instruction. In general an applicant over thirty-five years of age should not be encouraged to enter the school.

Instructional Staff:* Number: For a school of fifty students, four full-time† teachers. (The executive officer may be included in this number if full time is given to the school.) The majority of these teachers shall have professorial rank, one at least being a full professor. In addition there shall be an adequate number of part-time† teachers, and the necessary assistants to cover the revision of student work and other duties. Qualifications:‡ 1. Academic preparation: Degree representing four years of work in an approved college or university, or an equivalent acceptable to the Board of Education for Librarianship. 2. Professional preparation: Completion of one year of work in an accredited library school, or an equivalent acceptable to the Board of Education for Librarianship. 3. Experience: Practical knowledge of the subjects taught, and efficiency in teaching.

Financial Status: The financial provision for the school shall be such as to guarantee a faculty adequately salaried and sufficient in number to allow for research, and to ensure an environment which shall meet the approval of the Board of Education for Librarianship.

Library Facilities, Quarters, and Equipment. Library facilities, quarters, and equipment shall meet the approval of the Board of Education for Librarianship. The school shall be situated where various types of libraries are readily accessible for practical work and observation, thus making possible the proper correlation of theory and practice.

Requirements for Admission:§ Three years of work acceptable for admission to

* Effective after September, 1927.

† Teaching schedules should not exceed 12 class hours per week per instructor, the laboratory hours for cataloguing and classification to count as class hours. A part-time teacher is one who teaches at least 9 class hours a semester.

‡ It is desirable that the staff shall have had varied preparation including library experience.

§ The school should reserve the right to refuse to admit an applicant who meets the first two requirements but who fails in the third; and the right to admit an applicant who does not meet the first requirement but who satisfies the faculty that he can carry the work without a lowering of the standards of instruction. In general an applicant over thirty-five years of age should not be encouraged to enter the school.

the senior class of an approved college or university, evidenced by a transcript of the college record. Two months of satisfactory general experience in an approved library, or its equivalent. Aptitude and personal qualifications for library work and evidence of ability to pursue profitably the curriculum.

Length of Curriculum: One academic year.

Degree: B.A. or B.S. (with or without qualifying phrase "in library science") for the satisfactory completion of the professional curriculum.

Minimum Standards for Graduate Library Schools

Organization: A graduate library school shall be connected with an approved degree-conferring institution.

Administration: The executive officer shall have sufficient authority, delegated from the governing body, to administer the school in accordance with the general policies of the institution.

Secretarial assistance shall be available for keeping adequate personnel and other records.

Instructional Staff:* Number: For a school of fifty students, four full-time† teachers. (The executive officer may be included in this number if full time is given to the school.) The majority of these teachers shall have professorial rank, one at least being a full professor. In addition there shall be an adequate number of part-time† teachers, and the necessary assistants to cover the revision of student work and other duties. The development of varied curricula should involve the addition of further full-time teachers. Qualifications:‡ 1. Academic preparation: Degree representing four years of work in an approved college or university, or an equivalent acceptable to the Board of Education for Librarianship. 2. Professional preparation: The majority of the teachers shall have completed two years of work in an accredited library school, or an equivalent acceptable to the Board of Education for Librarianship. Graduate study and training in research equivalent to that required for the doctor's degree are urgently recommended.* 3. Experience: Practical knowledge of the subjects taught, and efficiency in teaching.

Financial Status: The financial provision for the school shall be such as to guarantee a faculty adequately salaried and sufficient in number to allow for research, and to ensure an environment which shall meet the approval of the Board of Education for Librarianship.

Library Facilities, Quarters, and Equipment: Library facilities, quarters, and equipment shall meet the approval of the Board of Education for Librarianship. The school shall be situated where various types of libraries are readily accessible for practical work and observation, thus making possible the proper correlation of theory and practice.

Requirements for Admission:† Graduation from an approved college or university, evidenced by a transcript of the college record. Two months of satisfactory general experience in an approved library, or its equivalent. Aptitude and personal qualifications for library work and evidence of ability to pursue profitably the curriculum.

Length of Curriculum:‡ One academic year.

Certificate: Certificate for the satisfactory completion of the professional curriculum.

* Effective after September, 1927.

† Teaching schedules should not exceed 12 class hours per week per instructor, the laboratory hours for cataloguing and classification to count as class hours. A part-time teacher is one who teaches at least 9 class hours per semester.

‡ It is desirable that the staff shall have had varied preparation including library experience.

* Compliance with this recommendation should not present difficulties after advanced graduate library schools are established.

† The school should reserve the right to refuse to admit an applicant who meets the first two requirements but who fails in the third; and the right to admit an applicant who does not meet the first requirement but who satisfies the faculty that he can carry the work without a lowering of standards. In general an applicant over thirty-five years of age should not be encouraged to enter the school.

‡ A second year of work may be offered leading to a master's degree providing that this work is conducted under conditions requisite to strictly graduate instruction.

Minimum Standards for Advanced Graduate Library Schools

Organization: An advanced graduate library school should be an integral part of a university which meets the standards for graduate study laid down by the Association of American Universities.

Administrative and Instructional Staff:* The standards observed in the other graduate schools of the university shall apply as to educational qualifications, professional experience, efficiency in teaching, numerical strength, titles of positions, and rights and privileges. It is highly desirable that the executive officer give full time to the library school.

Financial Status: The financial provision for the school shall be such as to guarantee a faculty adequately salaried and sufficient in number to allow for research, to ensure an appropriate environment for graduate study and otherwise to meet developments in the library profession.

Library Facilities: Library facilities adequate for research.

Requirement for Admission:† Graduation from an approved college or university and in addition the successful completion of an accredited one-year professional curriculum.‡

Length of Curricula: One academic year leading to a master's degree. The advanced work beyond the master's degree should be limited to those students who by their previous study have demonstrated their ability to pursue a high type *either* of professional study *or* of scientific research. The standards should be informal; the work personal; the end, the achievement of a certain scholarly and professional result rather than the summation of credits. Upon the achievement of the desired result the Ph.D. degree should be granted.

Program of Study: A student will choose a program of study, subject to faculty approval, along the line of his special interest from courses offered in preparation for administrative and executive positions in libraries of various types, for expert bibliographic work, and for teaching in library schools.

Degrees: M.A. or M.S. for the satisfactory completion of one year of professional study strictly graduate in character.* Ph.D. to be conferred under the university regulations governing the granting of this degree.

This is the first annual list of library schools accredited by the Board of Education for Librarianship:

Graduate Library Schools

California:
- University of California, School of Librarianship (1919), Berkeley.

Georgia:
- Library School, Carnegie Library. Affiliated in 1925 with Emory University, Atlanta.

Illinois:
- University of Illinois Library School (1893), Urbana.

Massachusetts:
- Simmons College School of Library Science (1902), Boston.
  (One year program for college graduates called CII.)

New York:
- Columbia University School of Library Service,† New York.

Ohio:
- School of Library Science, Western Reserve University, Cleveland.

* The faculty shall be on salary for at least one year in advance of the opening of the school, inasmuch as travel, research and study are needed for the organization of such courses as may be under contemplation.

† A school should reserve the right to refuse to admit an applicant who meets this requirement, but who has not had successful library experience or who has not demonstrated his ability to carry the work profitably; and the right to admit an applicant who does not fully meet the requirement but who satisfies the faculty that he can carry the work without a lowering of standards.

‡ It is desirable that such a curriculum be offered at the university.

* It is desirable that courses be so offered that the degree may be obtained also by attendance at summer sessions only.

† The New York State Library School and the Library School of the New York Public Library have been consolidated with the Columbia University School of Library Service, opening September, 1926.

PENNSYLVANIA:
Drexel Institute School of Library Science (1892), Philadelphia.

SENIOR UNDERGRADUATE LIBRARY SCHOOLS

MASSACHUSETTS:
Simmons College School of Library Science (1902), Boston.
(Four year program called CI.)
WASHINGTON:
University of Washington Library School (1912), Seattle.

JUNIOR UNDERGRADUATE LIBRARY SCHOOLS

CALIFORNIA:
Library School of the Los Angeles Public Library (1914), Los Angeles.
MISSOURI:
St. Louis Library School, St. Louis Public Library (1917), St. Louis.
NEW YORK:
Pratt Institute School of Library Science (1890), Brooklyn.
OHIO:
Western Reserve University, School of Library Science (1904), Cleveland.
(Program for undergraduates.)
PENNSYLVANIA:
Carnegie Library School, Carnegie Institute (1901), Pittsburgh.
WISCONSIN:
University of Wisconsin. Library School (1906), Madison.

PROVISIONALLY ACCREDITED LIBRARY SCHOOLS, 1926–27

Hampton Institute Library School.
University of Michigan, Department of Library Science.

Although but five of the fourteen accredited library schools require a college degree for admission, 64 per cent of the students in all accredited schools in 1925–26 were college graduates; 13 per cent had previously had three years of college training; 7 per cent had had at least two years of college; 87 per cent had had at least one year of college work.

A library school planned to meet the standards adopted for an Advanced Graduate Library School has been established at the University of Chicago. This school, made possible by a grant of $1,385,000 from the Carnegie Corporation, probably will be opened in the fall of 1927. The school is attracting the attention of librarians who have had years of administrative experience as well as of those who wish to specialize by pursuing advanced study in subjects that have direct bearing on their own library interests. There will be a research department to which may be referred library problems for investigation by students under direction of members of the faculty. This school will be conducted on the same plane as that of other graduate schools of the University, and makes possible advanced professional study and, in approximately the same length of time, the same academic rewards that are available for advanced study in other subjects. A pamphlet which sets forth professional opportunities may be secured without expense on application to the American Library Association, Chicago, Illinois.

In 1924 the Paris Library School was organized in connection with the American Library in Paris, 10 Rue D'Elysee, Paris, VIII.

MEDICINE

Medical Education affords the best illustration of how in a democratic country without governmental control of education a voluntary cooperation of all parties interested in high standards of education exerts a tremendous influence. The American Medical Association, representing the organized medical profession, has been classifying medical schools since 1907 on the basis of buildings, equipment, personnel, administration, and the results of the examination of graduates of each school for license to practice medicine. A great impetus to such study was given by the publication of a report prepared for the Carnegie Foundation for the Advancement of Teaching (Bulletin Number 4, 1910) by Abraham Flexner: "Medical Education in the United States." The Association of American Medical Colleges has had an important share in stim-

ulating interest in a higher type medical education. The American Medical Association acts through the Council on Medical Education and Hospitals, 535 North Dearborn Street, Chicago, Illinois, which includes in the membership Arthur D. Bevan, Chairman, Chicago; Walter F. Donaldson, Pittsburgh; Merritte W. Ireland, Washington; William Pepper, Philadelphia; Samuel W. Welch, Montgomery; Ray Lyman Wilbur, Stanford University; Louis B. Wilson, Rochester, Minnesota; N. P. Colwell, Secretary, Chicago. This Council has issued six lists of approved institutions:

1. *Medical Colleges:* This list classifies institutions in three groups: A. B. C. The following list includes only the institutions in class A. Prior to 1907 prospective medical students had no means of knowing the character of the institutions which they intended to enter. In 1907 only 294 physicians were graduated from high standard medical schools, 5.9 per cent of all graduates; in 1925, 3,852, or 96.2 per cent of all graduates came from the higher type of medical schools. Proprietary and commercial medical schools have been largely eliminated.

2. *Graduate Medical Schools:* As a result of careful investigations, the Council has listed 86 institutions, including 48 graduate medical schools and 38 hospitals which are known to be places where physicians can secure satisfactory courses in graduate medical education. In connection with this list there is published a list of graduate courses in medical subjects and residencies in specialties arranged according to subject.

3. *Hospitals Approved for Interns:* Inspection of hospitals has enabled the Council to list 562 hospitals which provide internships for 4,683 graduates.

4. *Hospitals Approved as Reputable:* This list is printed in the *Journal of the American Medical Association* and the *American Medical Directory.*

5. *Approved Colleges of Arts and Sciences:* This list is a cumulative list based on those prepared by the Association of American Universities and the regional associations—the same list as that issued by the American Council on Education.

6. *Clinical Laboratories:* This list is in preparation.

In 1924 the Association of American Medical Colleges appointed a committee to draw up a plan for a study of medical education in its various relations, especially to general education and to the specific demands of medical service. The committee organized a Commission on Medical Education in 1925. This Commission, independent and representative of educational, medical and regulating boards, includes: A. Lawrence Lowell, Chairman; Walter L. Bierring, George Blumer, Hugh Cabot, Samuel P. Capen, William Darrach, David L. Edsall, Sir Robert Falconer, Henry G. Gale, Michael F. Guyer, Walter A. Jessup, Lafayette B. Mendel, William Allen Pusey, Olesi West, Ray Lyman Wilbur, Hans Linsser, Willard C. Rappleye, Director of Study, and Fred C. Zapffe, Treasurer. The study has been financed by the medical schools in the Association of American Medical Colleges, and by the American Medical Association, the Rockefeller Foundation, and the Carnegie Corporation. The office of the Director is 215 Whitney Avenue, New Haven, Connecticut. A preliminary report was published in January, 1927. The Division of Medical Education, The Rockefeller Foundation, 61 Broadway, New York City, has issued six volumes important in the study of clinics, laboratories, methods of teaching throughout the world, "Methods and Problems of Medical Education." The sixth series was published in 1927. These volumes are of special value to authorities responsible for planning buildings and methods.

Foreign students desiring ultimately to practice medicine in the United States are advised to note the situation described in the report of the Council on Medical Education and Hospitals, April 19, 1926:

"The number of foreign physicians seeking licensure in the United States, not counting those from Canada, has increased from 67 in 1919 to 176 in 1921 and 519 in 1924. From Canada the number has increased from 71 in 1919 to 212 in 1924. Altogether, therefore, the total has increased from 138 in 1919 to 731 in 1924. During 1925, there were 473 candidates from abroad and 262

from Canada, a total of 735. The uncertainty regarding such candidates does not apply to those coming from Canada, since, through a most courteous and complete cooperation from the Canadian physicians, the character of Canadian medical schools is so well known and the verification of Canadian credentials so promptly and easily obtained.

"This influx of physicians from abroad has brought about a rather serious situation in that they are entering a field already seriously crowded. The matter of chief concern, however, is the difficulty of securing a verification of the applicants' credentials from certain countries abroad, especially from Russia, and a still greater difficulty of proving their identity. The credentials of many of these foreign physicians have come to the Council for verification. In instances—including several from Russia—the credentials have been so patched up as to indicate alteration or fraud. Newspaper reports, furthermore, allege that the Soviet government has removed financial support from the (formerly) imperial universities. A recent list of the Russian medical schools compiled by the Rockefeller Foundation also contains many new medical schools the exact character of which is very doubtful or unknown.

"In an effort to safeguard the public against this influx of physicians from abroad, the licensing boards of eleven States* report that full citizenship is now required of all candidates from abroad; in ten others† they are required to have taken out their first papers, and in five States‡ they must declare their intention to become citizens. In three States,§ foreign candidates of doubtful qualifications must successfully complete at least a year's work in a medical school or hospital in this country.

"It is recommended that the credentials of all foreign candidates be carefully investigated by all State licensing boards; that the identity of such applicants be clearly established before they are admitted to examination, and, even more important, that the credentials be not accepted at all unless positive information regarding the educational standard of the medical school can be obtained. No undue obstacles, however, should be placed in the way of the foreign physician of known qualifications who desires particularly to secure graduate medical education in this country."

* Arizona, Arkansas, Florida, Illinois, Indiana, Kansas, Kentucky, Mississippi, South Dakota, Tennessee and Wyoming.

† Alabama, Delaware, Louisiana, Maryland, Michigan, New Hampshire, North Dakota, Oregon, Texas and Virginia.

‡ Minnesota, Nebraska, New Jersey, New York and Ohio.

§ Michigan, New York and Pennsylvania.

Medical Colleges

Below are given brief descriptions of the medical colleges in the United States which have been placed in Class A by the Council on Medical Education. The name, address, year of organization, history and date when first class graduated are given in each instance. Unless otherwise stated, a class was graduated yearly thereafter. Where official reports have been received from the college, information regarding faculty, entrance requirements, length of term, fees, students (excluding specials and postgraduates), graduates, name of dean and next session is given without discrimination. In a few instances in which such reports were not received, the information published is from other reliable sources. Figures for graduates include all who have been graduated since July 1, 1925. Extracts of rules and the membership of the Association of American Medical Colleges are shown following the list of colleges. Figures showing population of cities and States are taken from the United States Census Bureau's estimate for 1925. Statements have been added showing the preliminary requirements held by State licensing boards where those requirements include one or two years of college work. Twelve States, Alaska (Ter.), Delaware, Illinois, Iowa, Michigan, New Jersey, North Dakota, Pennsylvania, Rhode Island, South Dakota, Utah and Washington, require also a year's hospital internship as an essential qualification for a license.

Alabama

Alabama, population 2,467,190, has one medical college, the School of Medicine of

the University of Alabama, located in Tuscaloosa, a city with a population of 13,083.

In order to secure licenses to practice medicine in Alabama, students must complete two years of work in an approved college of liberal arts, including courses in Physics, Chemistry, Biology and a Modern Language, prior to entering on the study of medicine.

TUSCALOOSA

UNIVERSITY OF ALABAMA SCHOOL OF MEDICINE, University Campus, Tuscaloosa. —Organized in 1859 at Mobile as the Medical College of Alabama. Classes graduated in 1861 and subsequent years excepting 1862 to 1868, inclusive. Reorganized in 1897 as the medical department of the University of Alabama. Present title assumed in 1907, when all property was transferred to University of Alabama. In 1920, clinical teaching was suspended and the medical school was removed to university campus at Tuscaloosa. Since 1920 men and women students have been admitted on equal basis. Faculty: 7 professors; 7 instructors, assistants, etc., a total of 14. Course of study covers two years of 36 weeks each. Tuition fee each year: $222. Dean: Dr. Clyde Brooks. Total registration 1925–1926: 107. Sixty-first session began Sept. 13, 1926, and ended May 31, 1927.

ARKANSAS

Arkansas, population 1,852,905, has one medical college, the Medical Department of the University of Arkansas, located in Little Rock, a city of 74,216.

To secure licenses to practice medicine in Arkansas, students must complete two years of collegiate work, including college courses in Physics, Chemistry, Biology and a Modern Language, before beginning the study of medicine.

LITTLE ROCK

UNIVERSITY OF ARKANSAS MEDICAL DEPARTMENT, Markham and Center Streets.—Organized in 1879 as Medical Department of Arkansas Industrial University. Assumed present title in 1899. In 1911 the College of Physicians and Surgeons united with it and the new school was made an integral part of the University of Arkansas. First class was graduated in 1880. Clinical teaching was suspended in 1918 but resumed in 1923. Coeducational since organization. Faculty: 24 professors and 34 lecturers and assistants, total 58. The curriculum embraces four years of 34 weeks each. Entrance requirements: 2 years of collegiate work in addition to a 4-year high school course. The fees for the 4 years, respectively, for residents of Arkansas are $85, $90, $75 and $100; nonresidents are charged $100 additional each year. Dean: Dr. Morgan Smith. Total registration, 1925–1926: 156; graduates, 24. Forty-eighth session began Sept. 16, 1926, and ended June 2, 1927.

CALIFORNIA

California, population 4,021,320, has three medical colleges. Two are located in San Francisco, a city of 557,530 inhabitants. Stanford University School of Medicine and the College of Medicine of the University of California. The College of Medical Evangelists is located at Loma Linda and Los Angeles, the latter city having a population of 576,673.

To secure a license to practice medicine in California under the "physician's and surgeon's" certificate, students must complete at least a year of work of college grade including courses in Physics, Chemistry and Biology before beginning the second half of the second year in the study of medicine.

BERKELEY–SAN FRANCISCO

UNIVERSITY OF CALIFORNIA MEDICAL SCHOOL, University Campus, Berkeley; Second and Parnassus Avenues, San Francisco.—Organized in 1863 as the Toland Medical College. First class graduated in 1864. In 1872 it became the Medical Department of the University of California. In 1909 the College of Medicine of the University of Southern California, at Los Angeles, by legislative enactment became a clinical department. This Los Angeles portion was changed to a graduate school in 1914. In 1915 the Hahnemann Medical

College of the Pacific was merged, and elective chairs in homeopathic materia medica and therapeutics were provided. Coeducational since organization. Three years of collegiate work are required for admission. The work of the first year and a half is given at Berkeley and the work of the last two and a half years at San Francisco. Faculty: 66 professors and 170 associates and assistants, a total of 236. Course covers 4 years of 8 months each, and an additional fifth year consisting of an internship in a hospital or of special work in a department of the medical school. Fees for the 4 years, respectively, for residents of California are $290, $248, $235 and $225; non-residents are charged $300 additional each year. Dean: Dr. L. S. Schmitt. Total registration, 1925–1926: 207; graduates, 48. Fifty-fourth session began Aug. 13, 1926, and ended May 11, 1927.

LOMA LINDA–LOS ANGELES

College of Medical Evangelists.—Organized in 1909. The first class graduated in 1914. Laboratory departments at Loma Linda; clinical departments at Los Angeles on property bounded by Boyle, Michigan, Bailey and New Jersey Streets. Coeducational since organization. Faculty: 50 professors and 113 associates, assistants and instructors, a total of 163. Course extends over 5 years of 9 months each—the fifth year consisting of an internship in a hospital, or of special work in a department of the Medical School. Work of the first two years given at Loma Linda and the third and fourth years at Los Angeles. Two years of college work required for admission. Total fees for 4 years, respectively, are $236, $233, $316 and $286. President: Dr. Newton Evans, Loma Linda, Calif.; Dean of Clinical Division: Dr. P. T. Magan, Los Angeles. Total registration, 1925–1926, 258; graduates, 3. Eighteenth session began Sept. 6, 1926, and ended May 29, 1927.

SAN FRANCISCO–STANFORD UNIVERSITY

Stanford University School of Medicine, Campus, Sacramento and Webster Streets, San Francisco.—Organized in 1908 when, by an agreement, the interests of Cooper Medical College were taken over. First class was graduated in 1913. Coeducational since organization. Faculty: 75 professors and 98 lecturers, assistants, etc., a total of 173. Three years of collegiate work are required for admission. Course covers 4 years of 9 months each, plus a fifth year of practice or intern work. Total fees for each of the first four years: $261. Dean: Dr. William Ophüls, San Francisco. Total registration, 1925–1926: 159; graduates, 27. Seventeenth session began Oct. 1, 1926, and ended June 15, 1927.

Colorado

Colorado, with a population of 1,019,286, has one medical college, the University of Colorado School of Medicine. It is located in Denver, which has a population of 280,911.

The Colorado State Board of Medical Examiners will register without further examination graduates of medical colleges in good standing who present licenses issued after examination by any other licensing board. The law permits any one, graduate or nongraduate, to try the board's written examination.

DENVER

University of Colorado School of Medicine, 4200 East Ninth Avenue.—Organized in 1883. Classes were graduated in 1885 and in all subsequent years except 1898 and 1899. Denver and Gross College of Medicine merged Jan. 1, 1911. Coeducational since organization. Faculty: 42 professors and 31 lecturers, instructors and assistants, a total of 73. Graded course of 4 years of 9 months each and a year's internship in a hospital. Entrance requirements: 2 years of college work counting toward a degree in arts in an accredited college. Fees for residents of Colorado, for each of the four years, respectively, $206, $221, $195 and $185. Nonresidents pay $105 more each year. Dean: Dr. Maurice H. Rees. Total registration, 1925–1926: 169; graduates, 37. Forty-fifth session began Sept. 27, 1926, and ended June 10, 1927.

Connecticut

Connecticut, with a population of 1,531,255, has one medical college, Yale University School of Medicine, located in New Haven, population 178,927.

Students who desire to practice medicine in Connecticut will not be eligible unless, prior to entering the study of medicine, they complete, in addition to an accredited four-year high school education, at least nine months of collegiate work including college courses in Physics, Chemistry and general Biology.

NEW HAVEN

Yale University School of Medicine, 150 York Street and at corner Congress Avenue and Cedar Street.—Chartered in 1810 as the Medical Institution of Yale College. Organized in 1812; instruction began in 1813; first class graduated in 1814. A new charter in 1879 changed name to Medical Department of Yale College. In 1884, the Connecticut Medical Society surrendered such authority as had been granted by the first charter. In 1887, Yale College became Yale University. Coeducational since 1916. Faculty: 62 professors and 95 lecturers and assistants, a total of 157. Requirements for admission: 3 years of collegiate work plus evidence of satisfactory completion of courses in general Physics, general Inorganic Chemistry, Qualitative Analysis, general Biology, Organic Chemistry and Physical Chemistry or Laboratory Physics, equivalent to courses in these subjects in Yale University. Student also must have 2 years of French or German. The course covers 4 years of 9 months each. Fees for the four years, respectively, are $305, $300, $300 and $320. Dean: Dr. Milton C. Winternitz. Total registration, 1925–1926 was 198; graduates, 49. One hundred and fourteenth session began Sept. 30, 1926, and ended June 15, 1927.

District of Columbia

The District of Columbia, population 497,906, has three medical colleges, George Washington University Medical School, Georgetown University School of Medicine and Howard University School of Medicine.

WASHINGTON

George Washington University Medical School, 1335 H Street, N.W.—Organized in 1825 as Medical Department of Columbian College. Also authorized to use the name National Medical College. Classes were graduated in 1826 and in all subsequent years except 1834 to 1838, and 1861 to 1863, inclusive. Original title changed to Medical Department of Columbian University in 1873. In 1903 it absorbed the National University Medical Department. In 1904, by an act of Congress, the title of George Washington University was granted to the institution. Coeducational since 1884. Faculty: 57 professors and 109 instructors, demonstrators and assistants, a total of 166. Two years of collegiate work required for admission. Course covers 4 years of 32 weeks each. Fees for the four years, respectively: $319, $316, $316 and $316. Dean: Dr. William C. Borden. Total registration, 1925–1926: 269; graduates, 46. One hundred and second session began Sept. 27, 1926, and ended June 8, 1927.

Georgetown University School of Medicine, 920 H Street, N.W.—Organized in 1851. First class graduated in 1852. Faculty: 25 professors, 101 instructors and assistants; total, 126. Two years of collegiate work required for entrance. Course of study covers 4 terms of 8 months each. Fees for each of the four sessions, respectively: $255, $250, $250 and $260. Dean: Dr. George M. Kober. Registration, 1925–1926: 276; graduates, 43. Seventy-sixth session began Sept. 27, 1926, and ended June 8, 1927.

Howard University School of Medicine, Fifth and W Streets, N.W.—Chartered in 1867. Organized in 1869. First class graduated in 1871. Coeducational since 1869. Colored students compose a majority of those in attendance. Faculty: 34 professors and 26 lecturers and assistants, 60 in all. Admission requirements: 2 years of collegiate work, including Physics, Chemistry, Botany and Zoology, English and 2 years of French or German. Course covers 4 years of 33 weeks each. Fees of the four sessions, respectively: $212.50, $207.50,

$207.50 and $214.50. Dean: Dr. Edward A. Balloch. Registration, 1925–1926: 227; graduates, 55. Fifty-ninth session began Oct. 4, 1926, and ended June 17, 1927.

Georgia

Georgia, population 3,058,260, has two medical colleges, University of Georgia Medical Department, located in Augusta, population 55,245, and the Emory University School of Medicine in Atlanta, a city of 222,963.

In order to secure a license to practice medicine in Georgia, students must complete two years of work in an approved college of liberal arts and sciences, including courses in Physics, Chemistry and Biology, prior to entering on the study of medicine.

ATLANTA

Emory University School of Medicine, 98 N. Butler Street and Druid Hills. —Organized in 1854. Classes graduated 1855 to 1861, when it suspended. Reorganized in 1865. A class graduated in 1865 and each subsequent year except 1874. In 1898 it merged with the Southern Medical College (organized in 1878), taking the name of Atlanta College of Physicains and Surgeons. In 1913 it merged with the Atlanta School of Medicine (organized in 1905), reassuming the name of Atlanta Medical College. Became Medical Department of Emory University in 1915; assumed present title in 1917. Two years of collegiate work required for admission. Faculty: 15 professors and 115 associates and assistants, a total of 130. Course of study: 4 years of 33 weeks each. Fees for each of four years, respectively: $253, $233, $228 and $253. Dean: Dr. Russell H. Oppenheimer. Total registration, 1925–1926: 197; graduates, 57. Session began Sept. 29, 1926, and ended June 7, 1927.

AUGUSTA

University of Georgia Medical Department, University Place.—Organized in 1828 as the Medical Academy of Georgia, name being changed to the Medical College of Georgia in 1829. Since 1873 it has been known as the Medical Department of the University of Georgia. Entire property transferred to university in 1911. Classes were graduated in 1833 and in all subsequent years except 1862 and 1863. Coeducation was begun in 1920. Faculty: 14 professors and 48 assistants, 62 in all. Two years of collegiate work required for entrance. Course is 4 years of 34 weeks each. Fees for each of four years, respectively: $105, $100, $100 and $100 for residents of Georgia and $300 each year for non-residents. Dean: Dr. William H. Goodrich. Total registration, 1925–1926: 135; graduates, 24. Ninety-eighth session began Sept. 27, 1926, and ended June 4, 1927.

Illinois

Illinois, population of 6,964,950, has five medical colleges, all located in Chicago, a city of 2,995,239 inhabitants: Rush Medical College, Northwestern University Medical School, University of Illinois College of Medicine, Loyola University School of Medicine and the Chicago Medical School.

To be eligible for license to practice medicine in Illinois, students must complete two years of collegiate work including courses in Physics, Chemistry, Biology and a Modern Language before entering on the study of medicine. In addition to their four-year course in medicine they must complete also a year's internship in a hospital.

CHICAGO

Rush Medical College of the University of Chicago.—Founded in 1837; organized in 1843; was medical department of Lake Forest University from 1887 until 1898, when it became affiliated with the University of Chicago, and in 1924 became an integral part of the University of Chicago. First class graduated in 1844. Coeducational since 1898. Faculty: 137 professors, 100 associates, instructors, etc., a total of 237. Requirements for admission: 4 years of college work, including courses in college Chemistry, Physics and Biology, and a reading knowledge of German or French. Classes limited to 100 students in each of freshman and sophomore classes, and to 140 students

in each of clinical years. No application for admission accepted after June 1. School operates on quarter system in which year is divided into four quarters of twelve weeks each; the completion of the work of three of these quarters gives credit for a college year. Course covers 4 years of 8½ months each, and a fifth year, consisting of a hospital internship or of a fellowship in one of the departments. All freshman and sophomore studies are given at University of Chicago. Clinical years are given in building at corner of Wood and Harrison Streets. Tuition fees for each of four years, respectively: $280, $270, $289.50 and $297.50. Dean: Dr. Ernest E. Irons. Total registration, 1925–1926: 538; graduates, 141. Eighty-second session began Oct. 1, 1926, and ended June 14, 1927.

Northwestern University Medical School, 2421 South Dearborn Street.—Organized in 1859 as the Medical Department of Lind University. First class graduated in 1860. In 1864 it became independent as the Chicago Medical College. United with Northwestern University in 1869, but retained the name of Chicago Medical College until 1891, when present name was taken. Became an integral part of Northwestern University in 1905. Women students accepted for entrance to medical course at beginning of session 1926–27. Faculty: 76 professors and 132 lecturers and assistants, a total of 208. Requirements for admission are such as will admit to College of Liberal Arts of Northwestern University, plus two years of college work, including courses in Physics, Chemistry, Biology and a Modern Language. Course covers four years of 8 months each and a year's internship in an approved hospital. Total fees: $300 each year. Dean: Dr. Irving S. Cutter. Total registration, 1925–1926: 415; graduates, 112. Sixty-seventh session began Oct. 1, 1926, and ended June 20, 1927.

University of Illinois College of Medicine, 508 S. Honore Street.—Organized in 1882 as the College of Physicians and Surgeons. First class graduated in 1883. It became the Medical Department of University of Illinois by affiliation in 1897 and an integral part in 1910. Relationship with the university was canceled in June, 1912, but restored in March, 1913, when present title was assumed. Coeducational since 1898. Two years of collegiate work required for admission. Curriculum covers 4 years of 33 weeks each, and a year's internship in an approved hospital. Faculty: 68 professors, 140 assistants and instructors, a total of 208. Tuition fees: $165 each year for resident students and $35 extra for non-residents. Dean: Dr. David John Davis. Total registration, 1925–1926: 493; graduates, 109. Forty-fifth session began Oct. 4, 1926, and ended June 11, 1927.

Loyola University School of Medicine, 706 S. Lincoln Street, Chicago.—Organized in 1868 as Bennett College of Eclectic Medicine and Surgery. Eclecticism dropped and title of Bennett Medical College assumed in 1909. First class graduated in 1870, and a class graduated each subsequent year. Absorbed Illinois Medical College in 1910 and Reliance Medical College in 1911. In 1910 it became by affiliation the School of Medicine of Loyola University; university assumed full control in 1915. Took over by purchase the Chicago College of Medicine and Surgery in 1917. Loyola University has been coeducational since 1900. Two years of college work are required for admission. Course of study is 5 years including an internship in a hospital. Faculty composed of 68 professors, 45 assistants and instructors, a total of 113. Total fees: $300 each year. Dean: Dr. Louis D. Moorhead. Total enrolment, 1925–1926: 369; graduates, 63. Session began Oct. 4, 1926, and ended June 11, 1927.

Indiana

Indiana, population 3,060,416, has one medical college, the Indiana University School of Medicine, located at Indianapolis, a city of 358,819 people, except that the work of the first year is offered also at Bloomington, the seat of the university.

Students who intend to practice medicine in Indiana must complete two years of collegiate work, in addition to an accredited four-year high school course, prior to beginning the study of medicine.

BLOOMINGTON AND INDIANAPOLIS

INDIANA UNIVERSITY SCHOOL OF MEDICINE.—Organized in 1903, but did not give all of the work of first 2 years of medical course until 1905. In 1907, by union with State College of Physicians and Surgeons, the complete course in medicine was offered. In 1908 Indiana Medical College, which was formed in 1905 by merger of the Medical College of Indiana (organized in 1878), Central College of Physicians and Surgeons (organized in 1879), and Fort Wayne College of Medicine (organized in 1879), merged into it. First class was graduated in 1908. Coeducational since organization. Faculty: 74 professors and 126 lecturers, associates and assistants, a total of 200. Two years of collegiate work are required for admission. Work of first year is emphasized only at Bloomington. The work of the other 3 years is all at Indianapolis. Fees each year: $175 for residents of Indiana and $250 for non-residents. Matriculation fee, $15; microscope fee, $5 to $7.50 per semester. A fifth optional intern year leading to "M.D. cum laude" has been added. Assistant Dean at Bloomington: Dr. B. D. Myers; Dean: Dr. Charles P. Emerson, Indianapolis. Total registration, 1925–1926: 377; graduates, 80. Session began Sept. 13, 1926, and ended June 8, 1927.

IOWA

Iowa, population 2,505,569, has one medical college, the College of Medicine of the State University of Iowa, located in Iowa City, population 11,691.

Students who desire to practice medicine in Iowa must complete two years of work in an approved college of liberal arts prior to beginning the study of medicine, this preliminary college work to have included courses in Physics, Chemistry, Biology and a Foreign Language; they must also have completed a year's internship in an approved hospital.

IOWA CITY

STATE UNIVERSITY OF IOWA COLLEGE OF MEDICINE, University Campus.—Organized in 1869. First session began in 1870. First class graduated in 1871. Absorbed Drake University College of Medicine in 1913. Coeducational since 1870. Faculty: 34 professors, 46 lecturers, demonstrators and assistants, a total of 80. Two years of college work, including courses in Physics, Chemistry, Biology, French or German and English, are required for admission. Course of study covers 4 years of 34 weeks each. Tuition fee: $186 each year for residents of Iowa and $350 for non-residents, plus a matriculation fee of $10 and a graduation fee of $15. Dean: Dr. Lee Wallace Dean, Iowa City. Total registration, 1925–1926: 402; graduates, 73. Fifty-seventh session began Sept. 20, 1926, and ended June 6, 1927.

KANSAS

Kansas, population 1,813,621, has one medical college. The School of Medicine of the University of Kansas gives its first two years in Lawrence, population 12,341, and the last two years in Kansas City, which with Kansas City, Mo., has a combined population of 483,262.

Students who desire to practice medicine in Kansas must complete at least two years of collegiate work including college courses in Physics, Chemistry and Biology in addition to an accredited four-year high school course.

LAWRENCE AND KANSAS CITY

UNIVERSITY OF KANSAS SCHOOL OF MEDICINE.—Organized in 1880. It offered only the first two years of medical course until in 1905, when it merged with Kansas City (Mo.) Medical College, founded in 1869, College of Physicians and Surgeons, founded in 1894, and Medico-Chirurgical College, founded in 1897. First class graduated in 1906. Clinical courses are given at Kansas City. Absorbed Kansas Medical College in 1913. Coeducational since 1880. Faculty, including lecturers and clinical assistants: 116. Requirements for admission are 2 years of collegiate work. Course covers 4 years of nine months each. Total fees for residents of the State for each of the 4 years, respectively, $125, $100, $106 and $110. For non-residents, fees $10 additional each

year. Dean: Dr. Harry Roswell Wahl. Total registration, 1925–1926: 179; graduates, 37. Forty-seventh session began Sept. 14, 1926, and ended June 6, 1927.

Kentucky

Kentucky, population 2,488,423, has one medical college, the University of Louisville School of Medicine, situated in Louisville, a city of 259,259 inhabitants.

To be eligible for license to practice medicine in Kentucky, students must complete two years of college work, including courses in Physics, Chemistry, Biology and a Modern Language, prior to beginning the study of medicine.

LOUISVILLE

University of Louisville School of Medicine, First and Chestnut Streets.—Organized in 1837 as Louisville Medical Institute. First class graduated in 1838, and a class graduated in each subsequent year except in 1863. In 1846 name changed to University of Louisville Medical Department. In 1907 it absorbed Kentucky University Medical Department; in 1908 Louisville Medical College, the Hospital College of Medicine and Kentucky School of Medicine. In fall of 1922 it became more closely correlated in the University of Louisville and changed its name to University of Louisville School of Medicine. About the same time it assumed complete control of the professional side of the Louisville City Hospital on a twelve months' basis, under an agreement with the City Administration, the Dean becoming Chairman of the Hospital Staff Executive Committee and the Professor of Medicine the Hospital Staff Executive, with the Hospital Superintendent as business manager and secretary. Coeducational since organization. Two years of college work required for admission. Faculty: 23 professors, 18 associate and assistant professors, 3 lecturers, 38 instructors and 30 assistants, a total of 112. Students limited to 85 Freshmen, 64 Sophomores, 70 Juniors and 70 Seniors. Course covers 4 years of 32 weeks each exclusive of vacations and examinations. Fees for 4 years, respectively, $275, $275, $280 and $300. Dean: Dr. Stuart Graves. Total registration, 1925–1926: 260; graduates, 59. Session began Sept. 13, 1926, and ended June 16, 1927.

Louisiana

Louisiana, having a population of 1,879,024, contains one medical college, the School of Medicine of the Tulane University of Louisiana, situated in New Orleans, a city of 414,493.

Students who desire to practice medicine in Louisiana must complete, at an approved college or university, two years of college work, including Biology, Physics, Chemistry and a Modern Language, before entering on the study of medicine.

NEW ORLEANS

Tulane University of Louisiana School of Medicine, University Campus and 1551 Canal Street.—Organized in 1834 as Medical College of Louisiana. Classes were graduated in 1835 and in all subsequent years except 1863–1865, inclusive. It was transferred to the Medical Department of University of Louisiana in 1847 and became the Medical Department of the Tulane University of Louisiana in 1884. Present name in 1913, when it became the School of Medicine of the College of Medicine of the Tulane University of Louisiana. Coeducational since 1915. Faculty: 51 professors and 90 assistant professors, instructors and assistants, a total of 141. Course covers 4 years of 34 weeks each. Two years of collegiate work are required for admission. Total fees for each of the 4 years, respectively: $295, $285, $270 and $300. Dean: Dr. Charles C. Bass. Total registration, 1925–1926: 408; graduates, 83. Ninety-second session began Sept. 23, 1926, and ended June 8, 1927.

Maryland

Maryland, with a population of 1,537,085, contains two medical colleges, located in Baltimore, a city with 796,296 inhabitants. Johns Hopkins University School of Medicine, and the University of Maryland School of Medicine and College of Physicians and Surgeons.

To be eligible to practice medicine in Maryland, students, in addition to a four-year high school education, must complete at least two years of college work including courses in Physics, Chemistry, Biology and French or German, prior to beginning the study of medicine.

BALTIMORE

JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, Washington and Monument Streets.—Organized in 1893. Coeducational since organization. First class graduated in 1897. Faculty: 60 professors and 195 clinical professors, etc., a total of 255. Requirements for admission demand that applicant possess a collegiate degree and have a knowledge of French and German (2 years each of college instruction), Physics and Biology, such as may be obtained from a year's course, and a 3 years' course in Chemistry. Course extends over 4 years of 8½ months each. Total fees for each year: $410. Dean: Dr. Lewis H. Weed. Total registration, 1925–1926: 272; graduates 67. Thirty-fourth session began Sept. 27, 1926, and ended June 7, 1927.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND THE COLLEGE OF PHYSICIANS AND SURGEONS, Lombard and Greene Streets.—Organized in 1807 as College of Medicine of Maryland. First class graduated in 1810. In 1812 it became the University of Maryland School of Medicine. Baltimore Medical College was merged into it in 1913. In 1915 the College of Physicians and Surgeons was merged and present name assumed. Coeducational since 1918. Faculty: 85 professors and 123 instructors and assistants, a total of 208. Two years of college work are required for admission. Course covers 4 years of 8 months each. Total fees: $280 each year for residents of State; $380 each year for non-residents. Dean: Dr. J. M. H. Rowland. Total registration, 1925–1926: 371; graduates, 70. One hundred and twentieth session began Sept. 27, 1926, and ended June 4, 1927.

MASSACHUSETTS

Massachusetts, population 4,127,653, has three Class A medical colleges: Medical School of Harvard University, Boston University School of Medicine, and Tufts College Medical School. They are all situated in Boston, a city of 781,529.

BOSTON

MEDICAL SCHOOL OF HARVARD UNIVERSITY, 240 Longwood Avenue.—Organized in 1782. First class graduated in 1788. Faculty: 89 professors and 243 instructors and assistants, a total of 332. Candidates for admission must present a college degree or two years of work leading to such a degree with standing in the upper third of the class. College work must include a year of Physics, Biology, general Chemistry, a half year of Organic Chemistry, and a reading knowledge of French or German. Total fee for each of the 4 years: $300 plus $5 the first year for matriculation. Dean: Dr. David L. Edsall. Total registration, 1925–1926: 507; graduates, 128. One hundred and forty-fourth session began Sept. 27, 1926, and ended June 23, 1927.

BOSTON UNIVERSITY SCHOOL OF MEDICINE, 80 East Concord Street.—Organized in 1873. In 1874 the New England Female Medical College, founded in 1848, was merged into it. First class graduated in 1874. Became nonsectarian in 1918. Coeducational since organization. Two years of collegiate work are required for admission. Faculty includes 20 professors, 93 associates, etc., making a total of 113. Course covers 4 years of 32 weeks each. Total fees for each of the 4 years, respectively: $326, $326, $326 and $336. Dean: Dr. Alexander S. Begg. Total registration, 1925–1926: 200; graduates, 49. Fifty-fourth session began Sept. 20, 1926, and ended June 13, 1927.

TUFTS COLLEGE MEDICAL SCHOOL, 416 Huntington Avenue.—Organized in 1893 as Medical Department of Tufts College. First class graduated in 1894. Coeducational since 1894. Faculty: 54 professors and 116 assistants, lecturers, etc., a total of 170. Two years of collegiate work are required for admission. Course covers 4 years of 8 months each. Total fees for each of the 4 years: $305, $300, $300 and $310. Dean: Dr. Stephen Rushmore. Total registration, 1925–1926: 482; graduates, 110. Thirty-

first session began Sept. 22, 1926, and ended June 11, 1927.

Michigan

Michigan, population 4,154,625, has two medical colleges: the University of Michigan Medical School, located at Ann Arbor, a city of 22,178 people, and the Detroit College of Medicine and Surgery, located at Detroit, a city of 1,242,044 inhabitants.

Students who desire to practice medicine in Michigan, in addition to an accredited four-year high school education, must complete two years of work in an approved college of liberal arts, including college courses in Physics, Chemistry, Biology and French or German, prior to beginning the study of medicine. Candidates must also have completed an internship in a hospital.

ANN ARBOR

University of Michigan Medical School.—Organized in 1850 as University of Michigan Department of Medicine and Surgery. First class graduated in 1851. Present title assumed in 1915. Coeducational since organization. Faculty: 20 professors, 27 assistant and associate professors and 45 associates, instructors, etc., a total of 92. Entrance requirements are 2 years of college work, including courses in Chemistry, Physics and Biology, with laboratory work, and a reading knowledge of French or German. Curriculum embraces 4 years of 9 months each. Total fees for Michigan students: Men, $182 a year, and women, $175 a year, plus a matriculation fee of $10; non-residents, $80 a year additional. Matriculation fee for non-residents is $25. Dean: Dr. Hugh Cabot. Total registration, 1925–1926: 541; graduates, 112. Seventy-seventh session began Sept. 28, 1926, and ended June 20, 1927.

DETROIT

Detroit College of Medicine and Surgery, 1516 St. Antoine Street.—Organized as Detroit College of Medicine in 1885 by consolidation of Detroit Medical College, organized in 1868, and Michigan College of Medicine, organized in 1880. Reorganized with present title in 1913. First class graduated in 1886. In 1918 it became a municipal institution under control of Detroit Board of Education. Coeducational since 1917. Entrance requirements are 2 years of college work. Faculty: 33 professors, 110 lecturers, etc., a total of 143. Course covers 4 years of 9 months each and a fifth hospital intern year. Total fees each year for residents of Detroit: $200; for non-residents, $285. Dean: Dr. W. H. MacCraken. Total registration, 1925–1926: 199; graduates, 50. Forty-second session began Sept. 30, 1926, and ended June 18, 1927.

Minnesota

Minnesota, population 2,563,550, contains one medical school, the University of Minnesota Medical School, situated in Minneapolis, a city of 425,435 inhabitants.

Students intending to practice medicine in Minnesota, in addition to an accredited four-year high school education, must complete two years of college work the equivalent of that done in the liberal arts department of the University of Minnesota, including courses in Physics, Chemistry and Biology, prior to beginning the study of medicine.

MINNEAPOLIS

University of Minnesota Medical School.—Organized in 1883 as University of Minnesota College of Medicine and Surgery, reorganized in 1888 by absorption of St. Paul Medical College and Minnesota Hospital College. First class graduated in 1889. In 1908 the Minneapolis College of Physicians and Surgeons, organized in 1883, was merged. In 1909 the Homeopathic College of Medicine and Surgery was merged. Present title in 1913. Coeducational since organization. Faculty: 123 professors and 218 instructors and assistants, a total of 341. Curriculum covers 4 years of 9 months each, and a year's internship in an approved hospital. School is operated on the four-quarter plan. Entrance requirements are 2 years of university work, which must include 6 semester credits of Rhetoric, 8 semester credits of Physics; 13 credits of general Chemistry, Qualitative and Quantitative Analysis and Organic Chemistry; 8 credits of Zoology, and

a reading of scientific French or German. Students are required to secure a degree of B.S. or A.B. before receiving degree of Bachelor of Medicine (M.B.) which is granted at end of 4-year course. M.D. is conferred after a year of intern work or of advanced laboratory work has been completed. Classes are graduated 3 a year, in March, June and December. Total fees: $192 for residents; $222 for non-residents, each year of the 3 quarters. Dean: Dr. E. P. Lyon. Total registration, 1925–1926: 389; graduates, 96. Thirty-eighth session began Sept. 27, 1926, and ended June 11, 1927. Summer quarter began June 21.

Mississippi

Mississippi, population 1,790,618, has one medical college, the Department of Medicine of the University of Mississippi, which is located at Oxford, a city of 2,150 inhabitants.

Students desiring to practice medicine in Mississippi, in addition to a standard four-year high school education, must complete two years of work in an approved college or university, including courses in Physics, Chemistry, Biology and a Modern Language, before entering on the study of medicine.

OXFORD

University of Mississippi School of Medicine.—Organized in 1903. Coeducational since organization. Gives only the first two years of medical course. In 1908 a clinical department was established at Vicksburg, but was discontinued in 1910 after graduating one class. Session extends over 8½ months. Entrance requirements are 2 years of collegiate work. Total fees each year for residents: $163; for non-residents, $50 a year additional. Faculty numbers 17. Dean: Dr. J. O. Crider. Total registration, 1925–1926, 64. Twenty-fourth session began Sept. 15, 1926, and ended June 7, 1927.

Missouri

Missouri, population 3,466,781, has three medical colleges. The School of Medicine of the University of Missouri is at Columbia, a town of 10,634 people. St. Louis, population 821,543, contains two Class A medical schools, viz., the School of Medicine of St. Louis University, and Washington University Medical School.

COLUMBIA

University of Missouri School of Medicine.—Organized at St. Louis in 1845: was discontinued in 1855, but was reorganized at Columbia in 1872. Teaching of the clinical years was suspended in 1909. Coeducational since 1872. Faculty: 12 professors and 17 assistant professors, lecturers, etc., total of 29. Course covers 2 years of 35 weeks each. Entrance requirements are 2 years of college work including French or German, 8 hours; general Zoology, 8 hours; Physics, 8 hours; Inorganic Chemistry, 8 hours; Organic Chemistry, 5 hours, and general Bacteriology, 3 hours. Total fees each year: $110 and $113. Non-residents of State pay $10 a term extra. Dean: Dr. Guy L. Noyes. Total registration, 1925–1926: 78. Session began Sept. 15, 1926, and ended June 4, 1927.

ST. LOUIS

Washington University School of Medicine, Kingshighway and Euclid Avenue.—Organized in 1842 as Medical Department of St. Louis University. In 1835 it was chartered as an independent institution under name of St. Louis Medical College. First class graduated in 1843. In 1891 it became Medical Department of Washington University. In 1899 it absorbed Missouri Medical College. Coeducational since 1918. Faculty: 28 professors and 161 lecturers, instructors, etc., a total of 189. Three years of college work are required for admission, including courses in English, Physics, Chemistry and Biology, and a reading knowledge of German or French. Course is 4 years of 8 months each. Total fees for the 4 years: $349, $344, $344 and $349. Dean: Dr. McKim Marriott. Total registration, 1925–1926: 309; graduates, 75. Session began Sept. 23, 1926, and ended June 7, 1927.

St. Louis University School of Medi-

CINE, 1402 South Grand Avenue.—Organized in 1901 as Marion-Sims-Beaumont Medical College by union of Marion-Sims Medical College, organized in 1890, and Beaumont Hospital Medical College, organized in 1886. First class graduated in 1902. It became the Medical Department of St. Louis University in 1903. Faculty: 76 professors and 164 lecturers and assistants, a total of 240. Two years of collegiate work are required for admission. Curriculum covers 4 years of 32 weeks each. Summer season is optional. Total fees: $325 each year. Dean: Dr. Hanau W. Loeb. Total registration, 1925–1926: 502; graduates, 107. Session began Oct. 1, 1926, and ended June 1, 1927.

Nebraska

Nebraska, population 1,355,371, has two medical colleges, the University of Nebraska College of Medicine and the Creighton University School of Medicine, both in Omaha, population 211,768.

OMAHA

Creighton University School of Medicine, Fourteenth and Davenport Streets.—Organized in 1892 by John A. Creighton Medical College. Present title in 1921. First class graduated in 1893. Coeducational since organization. Faculty: 34 professors and 44 instructors, lecturers and assistants, a total of 78. Two years of collegiate work are required for admission. Course of study embraces 4 years of 8 months each. Total fees each year for the 4 years, respectively: $230, $215, $215 and $215. Dean: Dr. Hermann von W. Schulte. Total registration, 1925–1926: 194; graduates, 38. Forty-fifth session began Sept. 23, 1926, and ended June 2, 1927.

University of Nebraska College of Medicine, Forty-Second Street and Dewey Avenue.—Organized in 1881 as Omaha Medical College. First class graduated in 1882. It became Medical Department of Omaha University in 1891. In 1902 it affiliated with the University of Nebraska, with the present title. First two years were given at Lincoln and last 2 in Omaha until 1913, when all 4 years were transferred to Omaha. Coeducational since 1882. Faculty: 48 professors and 64 lecturers and instructors, total 112. Two years of collegiate work are required for admission, including courses in physics, chemistry and zoology. Fees for each of the 4 years, respectively: $185, $170, $160 and $160. Dean: Dr. J. Jay Keegan. Total registration, 1925–1926: 274; graduates, 66. Session began Sept. 20, 1926, and ended June 4, 1927.

New Hampshire

New Hampshire, population 450,171, has one medical college, located at Hanover, population 1,551.

Students desiring to practice medicine in New Hampshire, in addition to a four-year high school education, must complete at least two years of work in an approved college of liberal arts, prior to beginning the study of medicine.

Dartmouth Medical School.—Organized as New Hampshire Medical Institute in 1797. First class graduated in 1798. It is under the control of the trustees of Dartmouth College. Clinical teaching was discontinued in 1914. Faculty: 12 professors and 3 instructors, a total of 15. Three years of collegiate work are required for admission. Course covers 9 calendar months in each year, or 8 months of actual teaching. Candidates for A.B. degree in Dartmouth College may substitute the work of first year in medicine for that of senior year in the academic department. Fees for first year are $400 and $410 for the second year. Acting Dean: Colin C. Stewart, Ph.D. Total registration, 1925–1926: 35. Session opened Sept. 22, 1926, and ended June 21, 1927.

New York

New York State, population 11,105,625, has nine medical colleges. Five of these, College of Physicians and Surgeons (Columbia University), Cornell University Medical College, the University and Bellevue Hospital Medical College, Long Island College Hospital and the New York Homeopathic Medical College and Flower Hospital, are

located in New York City, population 5,927,625. Albany Medical College is located in Albany, a city of 117,820 people. The University of Buffalo Medical Department is situated in Buffalo, population 538,016. The College of Medicine, Syracuse University, is in Syracuse, a city of 182,003 inhabitants. The University of Rochester School of Medicine is located in Rochester, a city of 316,786 inhabitants.

Students who desire to practice in New York must complete two years of college work before entering on the study of medicine.

ALBANY

ALBANY MEDICAL COLLEGE, 58–64 Eagle Street.—Organized in 1838. First class graduated in 1839. It became Medical Department of Union University in 1873. In 1915 Union University assumed education control. Coeducational since 1915. Faculty: 25 professors and 75 instructors, assistants, etc., a total of 100. Two years of collegiate work, including college courses in Physics, Chemistry (including Organic and Analytic), Biology, English, and a Modern Foreign Language, are required for admission. Curriculum covers 4 years of 8 months each. Total fees for 4 years, respectively: $320, $305, $305 and $305. Dean: Dr. Thomas Ordway. Total registration, 1925–1926: 93; graduates, 16. Ninety-sixth session began Sept. 28, 1926, and ended June 13, 1927.

BUFFALO

UNIVERSITY OF BUFFALO MEDICAL DEPARTMENT, High Street, near Main.—Organized in 1846. First class graduated in 1847. It absorbed the Medical Department of Niagara University in 1898. Coeducational since organization. Faculty: 60 professors and 103 lecturers, assistants, etc., a total of 163. Two years of collegiate work, including college courses in Physics, Chemistry, Biology, English and French or German, are required for admission. Course covers 4 years of 8 months each. Total fees for each of the 4 years: $327, $317, $317 and $327. Dean: Dr. C. Sumner Jones. Total registration, 1925–1926: 255; graduates, 47. Eighty-first session began Sept. 20, 1926, and ended June 8, 1927.

NEW YORK

COLUMBIA UNIVERSITY COLLEGE OF PHYSICIANS AND SURGEONS, 437 West Fifty-ninth Street.—Organized in 1807 by regents of the University of the State of New York as their medical department. First class graduated in 1811. In 1860 it became, by affiliation, the Medical Department of Columbia College. It was made a permanent part of Columbia College by legislative enactment in 1891. That institution became Columbia University in 1896. Coeducational since 1917. Faculty: 124 professors and 310 instructors, demonstrators, etc., a total of 434. Two years of collegiate work of 72 points, including courses in Physics, Chemistry, Biology, English and either French or German, are required for admission. Work covers 4 years of 8 months each. Dean: Dr. William Darrach. Total fees for 4 years, respectively: $527, $518, $512 and $532. Total registration, 1925–1926: 401; graduates, 96. One hundred and nineteenth session began Sept. 22, 1926, and ended June 1, 1927.

CORNELL UNIVERSITY MEDICAL COLLEGE, First Avenue and Twenty-eighth Street, New York City, and Ithaca.—Organized in 1898. First class was graduated in 1899. Work of first year may be taken either in Ithaca or in New York. Coeducational since organization. Faculty: 70 professors and 130 assistants, lecturers, instructors, etc., a total of 200. All candidates for admission must be graduates of approved colleges or scientific schools or seniors of approved colleges which will permit them to substitute first year of this medical school for fourth year of their college course and will confer on them the Bachelor degree on completion of year's work. Candidate must also have a knowledge of Physics, Chemistry, Biology, English and a Modern Language. Fees for each of the 4 years, respectively, $510, $500, $500 and $525. Dean: Dr. Walter L. Niles. Total registration, 1925–1926: 274; graduates, 63. Twenty-ninth session began Sept. 27, 1926, and ended June 9, 1927.

LONG ISLAND COLLEGE HOSPITAL, 350 Henry Street, Brooklyn.—Organized in 1858. First class graduated in 1860. Co-

educational since 1918. Faculty: 81 professors and 105 assistants, instructors, etc., a total of 186. At least two years of collegiate work, including college courses in Physics, Chemistry and Biology, are required for admission. Course covers 4 years of 8 months each. Fees for 4 years, respectively: $443, $416, $435 and $440. Dean: Prof. Adam M. Miller. Total registration, 1925–1926: 394; graduates, 90. Sixty-eighth session began Sept. 27, 1926, and ended June 4, 1927.

New York Homeopathic Medical College and Flower Hospital, Eastern Boulevard, between Sixty-third and Sixty-fourth Streets.—Organized in 1858. Incorporated in 1860 as Homeopathic Medical College of the State of New York. The title New York Homeopathic Medical College was assumed in 1869. Present title assumed in 1908. First class graduated in 1861. Coeducational since 1919. Course covers 4 years of 8 months each. Faculty: 52 professors and 55 lecturers and assistants, a total of 107. Total fees for 4 years, respectively: $430, $405, $395 and $410. Dean: Dr. Claude A. Burrett. Total registration, 1925–1926: 214; graduates, 41. Sixty-seventh session began Sept. 17, 1926, and ended May 7, 1927.

University and Bellevue Hospital Medical College, 338 East Twenty-sixth Street.—Organized in 1898 by the union of New York University Medical College, organized in 1841, and Bellevue Hospital Medical College, organized in 1861. It is the Medical Department of New York University. First class graduated in 1899. Coeducational since 1919. Faculty: 81 professors, associate professors and assistant professors, and 145 lecturers, instructors, etc., in all, 226. Course covers 4 years of 8 months each. Entrance requirements are 72 semester hours of collegiate work in a registered college leading to a bachelor's degree, including courses in Physics, Chemistry and biology. Fees for each of the four years, respectively: $535, $523, $512 and $530. Dean: Dr. Samuel A. Brown. Total registration, 1925–1926: 408; graduates, 88. Session began Sept. 15, 1926, and ended June 8, 1927.

ROCHESTER

University of Rochester School of Medicine, Elmwood Ave.—Organized in 1925 as Medical Department of the University of Rochester. Coeducational since organization. Faculty: 17 professors, 78 lecturers, assistants, instructors, etc., a total of 95. Work embraces a graded course of 4 years of 9 months each. Three years of collegiate work are required for admission. Total fees for each year: $300. Total registration, 1925–1926: 22. Dean: Dr. George H. Whipple. Second session began Sept. 23, 1926, and ended June 20, 1927.

SYRACUSE

Syracuse University College of Medicine, 307–311 Orange Street.—Organized in 1872, when Geneva Medical College, chartered in 1834, was removed to Syracuse, under the title "The College of Physicians and Surgeons of Syracuse University." Present title assumed in 1875, when a compulsory 3-year graded course was established. First class graduated in 1873 and a class graduated each subsequent year. In 1889 the amalgamation with the university was made complete. Course extended to 4 years in 1896. Coeducational since organization. Faculty: 26 professors and 115 associate and assistant professors, lecturers and instructors, a total of 141. Two years of a recognized college course are required for admission. Course covers 4 years of 34 weeks each. Fees for each of first 3 years: $330, for fourth year $340. Dean: Dr. Herman G. Weiskotten. Total enrolment, 1925–1926: 173; graduates, 40. Fifty-sixth session began Sept. 17, 1926, and ended June 13, 1927.

North Carolina

North Carolina, population 2,759,014, has two medical schools, each of which gives only the first two years of the medical course. The School of Medicine of the University of North Carolina is located at Chapel Hill, population 1,483. Wake Forest College School of Medicine is at Wake Forest, population 1,425.

Students intending to practice medicine

in North Carolina must complete two years of college work including courses in Physics, Chemistry and Biology in addition to 14 units of high school work before beginning the study of medicine.

CHAPEL HILL

UNIVERSITY OF NORTH CAROLINA SCHOOL OF MEDICINE.—Organized in 1890. Until 1902 this school gave only work of first 2 years, when course was extended to 4 years by establishment of a department at Raleigh. First class graduated in 1903. A class was graduated each subsequent year, including 1910, when the clinical department at Raleigh was discontinued. Coeducational since 1914. Two years of collegiate work are required for admission. Faculty: 8 professors and 1 instructor, a total of 9. Fees for each year: $220. Dean: Dr. I. H. Manning. Total registration, 1925–1926: 80. Forty-first session began Sept. 17, 1926, and ended June 2, 1927.

WAKE FOREST

WAKE FOREST COLLEGE SCHOOL OF MEDICINE.—This school was organized in 1902. Faculty, including the professors of Chemistry, Physics and Biology, numbers 10 professors and 8 assistants. Only the first 2 years of medical course are offered. After completion of freshman and sophomore college work and 2 years of medicine, a certificate will be given. B.S. degree in medicine will be given only after completion of 3 years of college work and 2 years of medicine. Each annual course extends over 9 months. Fees for each year: $208. Dean: Dr. Thurman D. Kitchin. Total registration, 1925–1926: 40. Twenty-fifth session began Sept. 14, 1926, and ended June 3, 1927.

NORTH DAKOTA

North Dakota, population 686,424, has one medical college, the School of Medicine of the University of North Dakota, which is situated at University, a suburb of Grand Forks, a city of 14,811 people. It gives only the first two years of the medical course.

Students intending to practice medicine in North Dakota, in addition to a four-year high school education, must complete two years of work in an approved college of liberal arts including courses in Latin, Physics, Chemistry, Botany and Zoology, prior to beginning the study of medicine, and must show evidence of having spent at least one year as an intern in a hospital.

UNIVERSITY

UNIVERSITY OF NORTH DAKOTA SCHOOL OF MEDICINE.—Organized in 1905. Offers only first 2 years of medical course. Coeducational since organization. Two years' work in a college of liberal arts is required for admission. Fees: about $60 each year for resident students and $100 for non-residents. Faculty: 6 professors and 9 instructors, a total of 15. Dean: Dr. H. E. French. Total registration, 1925–1926: 51. Twenty-first session began Sept. 18, 1926, and ended June 14, 1927.

OHIO

Ohio, population 6,321,539, has four medical colleges. Two of these, the Medical College of the University of Cincinnati and the Eclectic Medical College, are located in Cincinnati, a city of 409,333 inhabitants. Cleveland, population 936,455, contains one medical school, Western Reserve University School of Medicine. Columbus, population 279,836, contains the Ohio State University College of Medicine.

CINCINNATI

UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE, Eden Avenue, Cincinnati General Hospital.—Organized in 1909 by union of Medical College of Ohio (founded in 1819) with Miami Medical College (founded in 1852). The Medical College of Ohio became the Medical Department of University of Cincinnati in 1896. Under a similar agreement, March 2, 1909, Miami Medical College also merged into the University, when the title of Ohio-Miami Medical College of the University of Cincinnati was taken. Present title assumed in 1915. Coeducational since organization. Two years of college work are required for admission. Faculty: 79 professors and 129 associates, assis-

tants, etc., a total of 208. Course covers 4 years of 8 months each. A year's internship in an approved hospital is also required. Total fees for each of the 4 years, respectively, $372.50, $372.50, $350 and $330. Dean: Dr. Arthur C. Bachmeyer. Total registration, 1925–1926: 258; graduates, 55. Session began Sept. 27, 1926, and ended June 18, 1927.

Eclectic Medical College, 630 West Sixth Street.—Organized in 1833 at Worthington as Worthington Medical College. Removed to Cincinnati in 1843. In 1845 it was chartered as Eclectic Medical Institute. In 1857 American Medical College, organized in 1839, was merged into it, and in 1859 Eclectic College of Medicine and Surgery, organized in 1856, was merged into it. In 1910 it assumed its present title. Classes were graduated in 1833 and in all subsequent years except 1839 to 1843, inclusive. Coeducational since 1871. Faculty: 20 professors and 24 lecturers and assistants, a total of 44. Pending completion of a reorganization no new students will be admitted to any of the classes. Course covers 4 years of 8 months each. Total fees for the 4 years, respectively: $220, $210, $210 and $210. Dean: Dr. R. L. Thomas. Total registration, 1925–1926: 144; graduates, 38. Session began Sept. 16, 1926, and ended May 16, 1927.

CLEVELAND

Western Reserve University School of Medicine, 2109–15 Adelbert Road.—Organized in 1843 as Cleveland Medical College. First class graduated in 1844. It assumed present title in 1881. In 1910 Cleveland College of Physicians and Surgeons was merged. Coeducational since 1919. Faculty: 19 professors and 160 lecturers, assistants, etc., a total of 179. Curriculum embraces 3 years of 8½ months each and 1 year of 11 months. Three years of college work are required for admission. Total fees for each of the 4 years, respectively: $325, $310, $300 and $310. Dean: Dr. C. A. Hamann. Total registration, 1925–1926: 220; graduates, 48. Eighty-fourth session began Sept. 30, 1926, and ended June 16, 1927.

COLUMBUS

Ohio State University College of Medicine, University Campus.—Organized in 1907 as Starling-Ohio Medical College by union of Starling Medical College (organized 1847) with Ohio Medical University (organized 1890). In 1914 it became an integral part of Ohio State University with its present title. Coeducational since organization. Faculty: 48 professors and assistant professors, 63 lecturers, instructors, demonstrators, etc., a total of 111. Two years of collegiate work are required for admission. Course covers 4 years of 34 weeks each. Tuition fees: $180 each year for residents of Ohio; for non-residents, $285. Dean: Dr. Eugene F. McCampbell. Total registration, 1925–1926: 320; graduates, 76. Session began Sept. 28, 1926, and ended June 14, 1927.

Oklahoma

Oklahoma, population 2,253,536, has one medical college, the School of Medicine of the University of Oklahoma. The work of the first and second years is given on the academic campus at Norman, a city of about 5,004 inhabitants. The work of the third and fourth years is given in Oklahoma City, which has a population of 101,150 and which is eighteen miles north of Norman.

Students intending to practice medicine in Oklahoma, in addition to a four-year high school education, must complete two years of work in an approved college of liberal arts, including courses in Physics, Chemistry, Biology and a Modern Language, prior to beginning the study of medicine.

NORMAN AND OKLAHOMA CITY

University of Oklahoma School of Medicine.—Organized in 1900. Gave only first two years of medical course at Norman until 1910, when a clinical department was established at Oklahoma City. First class graduated in 1911. Coeducational since organization. Faculty: 30 professors and 59 lecturers, assistants, etc., a total of 89. Two years of college work are required for admission. Course is 4 years of 9 months each. An optional course of 6 years is offered for degrees of B.S. and M.D. Total fees for the

4 years respectively: $80, $75, $25 and $25. For students residing outside State of Oklahoma there is a tuition fee of $200 per year. Dean: Dr. LeRoy Long, School of Medicine Building, Third and Stiles Streets, Oklahoma City, Okla. Total registration, 1925–1926: 165; graduates, 40. Twenty-seventh session began Sept. 16, 1926, and ended June 7, 1927.

Oregon

Oregon, population 846,061, has one medical college, the University of Oregon Medical School, located in Portland, a city of 282,383 population.

PORTLAND

University of Oregon Medical School, Marquam Hill.—Organized in 1887. First class graduated in 1888, and a class graduated each subsequent year except 1898. Willamette University Medical Department was merged in 1913. Coeducational since organization. Faculty: 52 professors and 104 lecturers, assistants, etc., a total of 156. Entrance requirements are 3 years of college work or its equivalent. Course is 4 years of 34 weeks each. Total fees for the 4 years, respectively: $200, $195, $190 and $190 for residents of Oregon, and $60 per year additional for non-residents. Dean: Dr. Richard B. Dillehunt. Total registration, 1925–1926: 224; graduates, 49. Fortieth session began Sept. 28, 1926, and ended June 13, 1927.

Pennsylvania

Pennsylvania, population 9,317,647, has six medical colleges. Of these, Philadelphia, having a population of 1,979,364, contains five: University of Pennsylvania School of Medicine, Jefferson Medical College, Hahnemann Medical College and Hospital, Woman's Medical College of Pennsylvania and Temple University Department of Medicine. The other school, the School of Medicine of the University of Pittsburgh, is situated in Pittsburgh, a city of 631,563.

Students intending to practice medicine in Pennsylvania, in addition to a four-year high school education, must complete a year's work in an approved college of liberal arts, including college courses in Physics, Chemistry and Biology, before beginning the study of medicine. They must also have completed an internship of at least one year in an approved hospital.

PHILADELPHIA

University of Pennsylvania School of Medicine, Thirty-sixth Street and Hamilton Walk.—Organized in 1765. Classes were graduated in 1768 and in all subsequent years except 1772 and 1775–1779, inclusive. Original title was Department of Medicine, College of Philadelphia. Present title, School of Medicine of University of Pennsylvania, was adopted in 1909. It granted the first medical diploma issued in America. In 1916 it took over Medico-Chirurgical College of Philadelphia to develop it as a graduate school. Coeducational since 1916. Faculty: 68 professors, associate and assistant professors, and 168 lecturers, associates, instructors, etc., a total of 236. Three years of college work are required for admission, including courses in Physics, Biology or Zoology, Chemistry, including general inorganic, organic and analytical, English and French or German. First class is limited to 110 students; third and fourth to 135 each. Course embraces 4 years of study of 33 weeks each. Total fees for each of the 4 years, respectively: $405, $375, $375 and $375 for men and $15 less per year for women students. Dean: Dr. William Pepper. Total registration, 1925–1926: 473; graduates, 133. One hundred and sixty-first session began Sept. 24, 1926, and ended June 15, 1927.

Jefferson Medical College, Tenth and Walnut Streets.—Organized in 1825 with its present title as Medical Department of Jefferson College, Canonsburg, Pa. Classes have been graduated annually since 1826. In 1838 a separate university charter was granted without change of title, since which time it has continued under direction of its own board of trustees. Faculty: 49 professors, associate and assistant professors, and 131 associate lecturers, demonstrators and instructors, a total of 180. Entrance requirements are a completed standard 4-year high school or college prepara-

tory course, or equivalent, and in addition two years of work leading to a degree in an approved college of arts and science amounting to at least 60 semester hours, including specified courses in Physics, general and organic Chemistry and Biology, with laboratory work in each subject. Course of study covers 4 years of 8½ months each. Fees: about $325 each year, with a matriculation fee of $10 paid on admission. Dean: Dr. Ross V. Patterson. Total registration, 1925–1926: 579; graduates, 144. One hundred and second session began Sept. 22, 1926, and ended June 3, 1927.

Woman's Medical College of Pennsylvania, Twenty-first and N. College Avenue.—Organized in 1850. Classes were graduated in 1852 and in all subsequent years except 1862. Faculty: 17 professors and 57 assistants, lecturers, etc., in all, 74. Entrance requirements are a completed course in a standard secondary school, and in addition 2 years of collegiate work, including courses in Physics, Chemistry, Biology and French or German. Curriculum covers 4 years of 8 months each. Fees for each of the four years, respectively: $255, $275, $250 and $260. Dean: Dr. Martha Tracy. Total registration, 1925–1926: 100; graduates, 29. Seventy-seventh session began Sept. 29, 1926, and ended June 8, 1927.

Hahnemann Medical College and Hospital of Philadelphia, 220–24 North Broad Street.—Organized in 1848 as Homeopathic Medical College of Pennsylvania. In 1869 it united with Hahnemann Medical College of Philadelphia, taking latter title. Assumed present title in 1885. First class graduated in 1849. Entrance requirements are a completed course in a standard secondary school and in addition 2 years devoted to a college course, including English and either French, German or Spanish, Physics, Chemistry and Biology. Faculty: 52 professors and 70 lecturers, instructors, etc., in all, 122. Work covers 4 years of 8½ months each. Total fees: $325 each year. Dean: Dr. William A. Pearson. Total registration for college year 1925–1926 was 244; graduates, 39. Seventy-ninth session began Sept. 27, 1926, and ended June 2, 1927.

The Temple University School of Medicine, Eighteenth and Buttonwood Streets.—Organized in 1901. First class graduated in 1904. Coeducational since organization. Faculty: 20 professors and 114 associates, assistants, etc., a total of 134. Two years of college work are required for admission. Fees for each of the 4 years, respectively: $295, $280, $280 and $280. Dean: Dr. Frank C. Hammond. Total registration, 1925–1926: 224; graduates, 51. Twenty-sixth session began Sept. 21, 1926, and ended June 16, 1927.

PITTSBURGH

University of Pittsburgh School of Medicine, Bigelow Boulevard.—Organized in 1886 as Western Pennsylvania Medical College and in 1908 became an integral part of University of Pittsburgh, removing to university campus in 1910. First class graduated in 1887. Coeducational since 1899. Faculty: 17 professors and 146 associates, assistants, etc., 163 in all. Entrance requirements are 2 years of college work, including English, Chemistry (inorganic and organic), Physics and Biology. Course of study is 4 years of 8½ months each. Total fees for the 4 years, respectively: $327.50, $312.50, $312.50 and $322.50. Dean: Dr. Raleigh R. Huggins. Total registration, 1925–1926: 229; graduates, 47. Forty-first session began Sept. 20, 1926, and ended June 8, 1927.

South Carolina

South Carolina, population 1,779,084, has one medical college, situated in Charleston, a city of 73,125 people.

Students intending to practice medicine in South Carolina must complete, in addition to 14 units of high school work, two years in an approved college, including courses in English, Physics, Chemistry and Biology.

CHARLESTON

The Medical College of the State of South Carolina, 16 Lucas Street.—Organized in 1823 as Medical College of South Carolina. First class graduated in 1825. In 1832 a medical college bearing present title was chartered and the two schools continued

as separate institutions until they were merged in 1838. Classes were graduated in all years except 1862 to 1865, inclusive. In 1913, by legislative enactment, it became a State institution. Coeducational from 1895 to 1912, when privileges for women were withdrawn, but they were restored in 1917. Faculty: 35 professors and 25 lecturers, instructors, etc., a total of 60. Course covers 4 years of 8 months each. Two years of collegiate work including courses in Physics, Chemistry, Biology and a Modern Foreign Language are required for admission, in addition to a standard high school preparation. Total fees: $175 annually. Dean: Dr. Robert Wilson. Total enrolment, 1925–1926: 156; graduates, 38. Ninety-eighth session began Sept. 23, 1926, and ended June 2, 1927.

South Dakota

South Dakota, population 666,380, has one medical college, the University of South Dakota College of Medicine, located at Vermillion, a town of 2,590 people.

Students intending to practice medicine in South Dakota must show that they matriculated in and graduated from medical colleges which required at least two years of collegiate work for admission, including courses in Physics, Chemistry, Biology and a Modern Language. They must also have completed a year's internship in an approved hospital.

VERMILLION

University of South Dakota College of Medicine.—Organized in 1907. Coeducational since organization. Offers only first 2 years of the medical course. Two years' work in a college of liberal arts are required for admission. Fees: $100 each year. Faculty: 11. Acting Dean: Dr. George R. Albertson. Total registration, 1925–1926: 36. Twentieth session began Sept. 15, 1926, and ended June 6, 1927.

Tennessee

Tennessee, population 2,424,616, has three medical colleges. Of these, Vanderbilt University School of Medicine and Meharry Medical College are situated in Nashville, a city with a population of 136,220. The College of Medicine of the University of Tennessee is located in Memphis, population 174,533.

Students intending to practice medicine in Tennessee must complete two years of collegiate work, including courses in Physics, Chemistry, Biology and a Modern Language, in addition to a four-year high school course, before entering on the study of medicine.

MEMPHIS

University of Tennessee College of Medicine, 879 Madison Avenue.—Organized in 1876 at Nashville as Nashville Medical College. First class graduated 1877, and a class graduated each subsequent year. Became Medical Department of University of Tennessee in 1879. In 1909 it united with Medical Department of University of Nashville to form joint Medical Department of Universities of Nashville and Tennessee. This union was dissolved in 1911. Trustees of the University of Nashville by formal action of that board named University of Tennessee College of Medicine as its legal successor. In 1911 it moved to Memphis, where it united with the College of Physicians and Surgeons. Memphis Hospital Medical College was merged in 1913. Lincoln Memorial University Medical Department was merged in 1914. Coeducational since 1911. Faculty: 54 professors and 98 assistants, instructors, etc., a total of 152. Entrance requirements are a high school education plus 2 years of collegiate work. Students taking the 2-year premedical course in Knoxville may secure B.S. and M.D. degrees. Total fees for the four years, respectively: $132, $127, $127 and $152 for residents of the State, and $100 more each year for non-residents. Administrative officer: Orren W. Hyman, Ph.D. Total registration, 1925–1926: 231; graduates, 47. Session began Sept. 27, 1926, and ended June 16, 1927.

NASHVILLE

Vanderbilt University School of Medicine.—This school was founded in 1874. First class graduated in 1875. Co-

educational since September, 1925. Faculty: 50 professors and 98 lecturers, a total of 148. Beginning in 1925 students must have successfully completed at least 3 years of college work with such grades as will entitle them to receive Bachelor's degree after 1 year in School of Medicine. Course covers 4 years of nearly 9 months each. Total fees for the 4 years, respectively, $215, $215, $215 and $240. Dean: G. Canby Robinson. Total registration, 1925–1926: 185; graduates, 52. Fifty-third session began Sept. 22, 1926, and ended June 8, 1927.

Meharry Medical College. Colored. 1118 First Avenue, South.—This school was organized in 1876 as Medical Department of Central Tennessee College, which became Walden University in 1900. First class graduated in 1877. Obtained new charter independent of Walden University in 1916. Coeducational since 1876. Faculty: 28 professors and 17 instructors, demonstrators, lecturers, etc., 45 in all. Two years' work in a college of liberal arts are required for admission. Work embraces 4 years of 32 weeks each. Total fees for the 4 years, respectively: $173, $165, $165 and $185. President: Dr. John J. Mullowney. Total registration, 1925–1926: 225; graduates, 47. Fifty-first session began Oct. 1, 1926, and ended May 25, 1927.

Texas

Texas, population 5,097,574, has two medical colleges. The University of Texas School of Medicine is located at Galveston, a city of 48,375 inhabitants. The Baylor University College of Medicine is located in Dallas, population 158,976.

Students intending to practice medicine in Texas must complete at least two years of collegiate work, including courses in Physics, Chemistry, Biology, and a Modern Language, in addition to a standard four-year high school course, before entering on the study of medicine.

DALLAS

Baylor University College of Medicine, 720 College Avenue.—Organized in 1900 as University of Dallas Medical Department. In 1903 it took its present name and became the Medical Department of Baylor University. It acquired the charter of Dallas Medical College in 1904. Coeducational since 1900, date of organization. First class graduated in 1901. Faculty: 52 professors and 56 instructors and assistants, a total of 108. Entrance requirements are 2 years of college work in addition to a 4-year high school education. Course is 4 years of 8 months each. Fees for each of the 4 years, respectively: $268, $258, $248 and $248. Dean: Dr. Walter H. Moursund. Total registration, 1925–1926 was 278; graduates, 39. Twenty-seventh session began Oct. 1, 1926, and ended May 30, 1927.

GALVESTON

University of Texas School of Medicine, Avenue B, between Ninth and Tenth Streets.—Organized in 1891. First class graduated in 1892. Coeducational since organization. Faculty 19 professors and 31 lecturers and instructors, a total of 50. Curriculum embraces 4 years of 8 months each. Entrance requirement is 2 years of collegiate work in addition to a 4-year high school education. Freshman class is limited to 60 students on a scholarship basis, Texans having preference. Total fees for the 4 years, respectively: $198, $173, $175 and $173 for residents of the State, and $150 additional each year for non-residents. Acting Dean: Dr. Henry Hartman. Total registration, 1925–1926: 224; graduates, 69. Thirty-sixth session began Oct. 1, 1926, and ended May 31, 1927.

Utah

Utah, population 492,478, has one medical college, the School of Medicine of the University of Utah, situated at Salt Lake City, which has 130,940 people.

Students intending to practice medicine in Utah, in addition to a four-year high school education, must complete at least two years of collegiate work, including courses in Physics, Chemistry and Biology, prior to beginning the study of medicine.

SALT LAKE CITY

University of Utah School of Medicine.—Organized in 1906. Coeducational

since organization. Gives only first 2 years of medical course. Each course covers 36 weeks. Three years of collegiate work are required for admission. Medical faculty: 6 professors and 12 lecturers and assistants, a total of 18. Fees: $150 each year. Dean: Dr. Ralph O. Porter. Total registration for 1925–1926, 47. Twentieth session began Sept. 27, 1926, and ended June 6, 1927.

Vermont

Vermont, population 352,428, has one medical school, located at Burlington, a town of 24,089 people.

Students who desire to practice medicine in Vermont, in addition to a standard four-year high school education, must complete two years of collegiate work, including college courses in Physics, Chemistry and Biology, before entering on the study of medicine.

BURLINGTON

University of Vermont College of Medicine, Pearl Street, College Park.—Organized with complete course in 1822. Classes graduated in 1823 to 1836, inclusive, when school was suspended. It was reorganized in 1853 and classes were graduated in 1854 and in all subsequent years. Coeducational since 1920. Faculty: 23 professors and 17 lecturers, instructors, etc., a total of 40. Two years of college work in addition to a 4-year high school education are required for admission. Course of study covers 4 years of 9 months each. For residents of Vermont the total fees: $245 each year for men and $5 less a year for women students. Non-residents are charged an additional $75 each year. Dean: Dr. James N. Jenne. Total registration, 1925–1926: 104; graduates, 26. Session began Sept. 15, 1926, and ended June 16, 1927.

Virginia

Virginia, population 2,449,443, has two medical colleges, one, the Department of Medicine of the University of Virginia, situated in Charlottesville, population 11,211, and the Medical College of Virginia at Richmond, population 186,403.

Students desiring to practice in Virginia must be graduates of medical colleges which require that all students admitted shall have completed two years of collegiate work, including courses in Physics, Chemistry, Biology and a Modern Language, preferably German, in addition to a four-year high school education.

CHARLOTTESVILLE

University of Virginia Department of Medicine.—Organized in 1827. Classes were graduated in 1828 and in all subsequent years except 1865. Coeducational since the session 1920–21. Faculty: 27 professors and 20 lecturers, instructors, assistants, etc., a total of 47. Requirements for admission are completion of a 4-year high school course, or its equivalent, and 2 years of college work devoted to English, Mathematics, Chemistry, Physics and Biology. For residents of Virginia total fees for the 4 years, respectively: $255, $255, $205 and $195. Non-residents are charged an additional $20 each year. Acting Dean: Dr. James C. Flippin. Total registration, 1925–1926: 241; graduates, 45. Ninety-eighth session began Sept. 16, 1926, and ended June 14, 1927.

RICHMOND

Medical College of Virginia, Twelfth and Clay Streets.—Organized in 1838 as Medical Department of Hampden Sydney College. Present title was taken in 1854. In 1913 University College of Medicine was merged. In 1914 North Carolina Medical College was merged. Coeducational since 1918. Classes were graduated in 1840 and in all subsequent years. Faculty: 40 professors and 101 lecturers, instructors, etc., a total of 141. Requirement for admission is a 4-year high school education and in addition 2 years of collegiate work, including courses in Physics, Chemistry, Biology and English. Course embraces 4 years of 8 months each. Total fees for the 4 years, respectively: $295, $295, $286 and $316. Dean: Dr. Manfred Call. Total registration, 1925–1926: 342; graduates, 81. Eighty-ninth session began Sept. 14, 1926, and ended May 31, 1927.

West Virginia

West Virginia, population 1,601,130, has one medical college, the School of Medicine of West Virginia University, which offers the first two years of the medical course. It is located at Morgantown, a city of 13,811 population.

Students who desire to practice medicine in West Virginia must complete, in addition to a high school education, two years of collegiate work, including courses in Physics, Chemistry and Biology, before entering on study of medicine.

MORGANTOWN

West Virginia University School of Medicine.—Organized 1902, and gives only first two years of medical course. Coeducational since organization. Two years of college work required for admission and Bachelor's degree will be granted to those who finish two years in medicine. Session extends through 9 months. Faculty: 17 professors. Fees: residents of State, $95 each year; non-residents, $245. Cadets pay laboratory fees only. Dean: Dr. John N. Simpson. Total registration, 1925–1926: 117. Session began Sept. 21, 1926, ended June 14, 1927.

Wisconsin

Wisconsin, population 2,801,008, has two medical colleges, one, the Medical School of the University of Wisconsin, located at Madison, a city of 46,385 people, and the Marquette University School of Medicine, located at Milwaukee, a city of 509,192 people.

Students intending to practice medicine in Wisconsin, prior to entering a medical school, must complete, besides a four-year high school course, two years of collegiate work, including courses in Physics, Chemistry, Biology and a Modern Language.

MADISON

University of Wisconsin Medical School.—Organized 1907. Coeducational since organization. For matriculation at least two years in a college of arts and science or an equivalent training required, including two years of Latin, reading knowledge of French or German, and at least year's work in Physics, Chemistry and Biology. Faculty: 51 professors and 56 lecturers, instructors, etc., total, 107. Tuition fees: $125 a year for non-residents of Wisconsin. Incidental and laboratory fees for both resident and non-resident students average about $100 per year. Dean: Dr. Charles R. Bardeen. The registration for 1925–1926, 219. Session began Sept. 22, 1926, and ended June 20, 1927.

MILWAUKEE

Marquette University School of Medicine, Fourth Street and Reservoir Avenue.—Organized in December, 1912, by merger of Milwaukee Medical College and Wisconsin College of Physicians and Surgeons. Coeducational since organization. Faculty of 138. Entrance requirements are 2 years of college work, including courses in Physics, Chemistry, Biology and a Modern Foreign Language. Curriculum covers 4 years of 8½ months each, and one year's internship in an approved hospital. Fees for the 4 years, respectively: $313, $303, $303 and $283. Dean: Dr. Louis F. Jermain; Dean of students: Dr. Eben J. Carey. Registration, 1925–1926: 263; graduates, 50. Fifteenth session began Sept. 27, 1926, and ended June 15, 1927.

Philippine Islands

The Philippine Archipelago, with a population of 11,075,674, has two medical colleges, the University of the Philippines College of Medicine and Surgery and the University of St. Thomas College of Medicine and Surgery. They are located in the city of Manila, which in 1918 had a population of 285,500.

MANILA

University of the Philippines College of Medicine, Manila.—Organized in 1907 as Philippine Medical School, under support of the government of the Philippine Islands. In 1910 title was changed to University of the Philippines College of Medicine and Surgery. Present title in 1923. Faculty: 42 professors and 43 lecturers, as-

sistants, etc., a total of 85. A 2-year collegiate course, including courses in English, Physics, Chemistry, Biology and either French or German, is required for admission. Course extends over 5 years. In the fifth year the students serve as interns in the Philippine General Hospital. Fees for the 4 years, respectively: $81, $74, $59 and $56. Dean: Dr. Fernando Calderon. Total registration, 1925–1926: 201; graduates, 29. Twenty-first session began about June 14, 1926, and ended about March 14, 1927.

University of St. Thomas College of Medicine and Surgery. Manila.—Organized in 1907. Faculty: 27 professors and 16 assistants, instructors, etc., a total of 43. A 2-year collegiate course is required for admission. Course of study is 5 years, including an internship in a hospital. Registration, 1925–1926: 486; graduates, 64. Dean: Jose L. de Castro.

Graduate Medical Schools
revised to August 21, 1926

The Council's chief desire is to cooperate with postgraduate teaching institutions and hospitals, providing residences in the specialties and bringing about a general adoption of the principles concerning graduate medical education which were endorsed by the House of Delegates of the American Medical Association in June, 1923.

There is no desire to prevent any physician from getting any course he needs, nor to assume authority over any individual or any graduate teaching institution, nor to prevent them from offering to physicians any courses they see fit. If an institution desires to have the Council's endorsement of its work or of any particular course offered, however, it should not be unwilling to comply with the principles which are presented herewith and which are believed to be fair and just.

The principles aim to provide more abundant facilities for the training of general practitioners; the fact being recognized that any course of instruction which will improve the physician's knowledge or skill will be of service, both to him and to his patients. At the same time, it is believed that much better instruction will be furnished if the courses are arranged in a graded series whereby he can progress from one course to another and know that he is continually advancing in his work.

From courses leading to the specialties in graduate schools and in hospitals, the council is withholding its approval where arrangements are such that physicians are enabled to rush into some specialty without having developed the knowledge and skill which would justify such action. Here again, there is no attempt to prevent any physician from taking any course he desires, nor to hinder an individual or institution from offering instruction in any course. The Council merely asks that such courses be given in accordance with certain principles if they are to have the Council's endorsement.

The principles apply chiefly to certain courses which, to a deplorable extent, are being used as short-cuts to the practice of specialties by many who do not obtain therefrom the proficiency which should be required. Neither the American Medical Association nor any other body of self-respecting people would endorse such a procedure; nor should they appear to do so by failing to do what they can to prevent it. The Council is withholding its approval from certain courses until adequate safeguards against their abuse have been established by the institutions offering such courses. These safeguards can be established without much difficulty by the graduate medical schools, (*a*) by having their courses properly graded; (*b*) by ascertaining the educational and professional qualifications of the physician-students, (*c*) by offering the operation course as one of a group of courses which includes review and diagnostic courses all of which are given for a common fee, and (*d*) by admitting to any course only those students who are found to possess the essential prerequisite work or training. Such grading is, indeed, more essential for graduate students than for undergraduates, since the qualifications of the former now vary to a greater extent.

The courses most commonly utilized as short cuts are the operative courses, such as operative surgery on the dog or the cadaver

and like courses in orthopedic surgery, urology, gynecology, ophthalmology and otolaryngology.

As now given, most of these courses do not provide even the minimum requisite knowledge of diagnostic, laboratory or operative technic, much less the essential review courses in the preclinical sciences; the needed experience in the examination of patients; the diagnosis of the diseases covered by the specialty, and particularly the recognition of conditions which require operative treatment. Furthermore, some of the courses offered are independent of and make no provision for residencies or assistantships where the graduate student can subsequently develop skill in applying his special knowledge in the care and treatment of patients while still under the supervision of a recognized expert in the particular specialty before he begins his operative procedures in his own independent practice. These principles apply particularly to the surgical specialties and to the application of operative procedures, since an unnecessary surgical operation, on the eye, for example, may handicap a patient for the balance of his lifetime. The portion of the principles regarding graduate medical schools which bear on this particular matter is given in paragraph 4.

Where courses leading to specialization in any of the subjects enumerated are properly graded, and where the graduate school carefully investigates the previous training of the individual physician before assigning him to courses of instruction, it will not matter so much whether the student is merely preparing himself for better work in his general practice, or whether he is intending later to practice as a specialist.

The investigations during the last few years of the various postgraduate medical schools have revealed a deplorable lack of courses to which any standardizing body could give an unqualified approval because they are not graded and are not administered in accordance with any definite principles or standards. It is gratifying to note that the postgraduate teaching institutions have largely abandoned the giving of diploma-like certificates to students taking short courses.

It is the Council's desire to cooperate most heartily with any institution in an effort to develop its graduate teaching so as to provide in the United States more well organized and well administered courses of graduate medical instruction. This is clearly the greatest need in medical education to-day.

Principles Regarding Graduate or Postgraduate Medical Schools

The following principles were adopted by the House of Delegates in June, 1923, as a basis for the grading of graduate medical schools:

1. *Admission Requirements.*—The minimum admission requirement for those wishing to prepare themselves for the practice of a specialty should be graduation from an acceptable (Class A) medical college and completion of at least one year's internship in an approved hospital, or the experience gained by at least five years spent in the active practice of medicine. In the case of reputable physicians who desire to improve themselves for general practice, lenient admission requirements are justified. Courses for *general practitioners* should be open to all physicians who have received the degree of Bachelor or Doctor of Medicine from medical colleges considered acceptable by this Council, or to reputable physicians who were licensed in certain States before graduation was required.

2. *Records.*—Records should be kept by each institution showing (*a*) the preliminary and professional entrance qualifications of every student, which should be verified by authentic or documentary evidence; (*b*) previous attendance at graduate courses and subjects taken; (*c*) the subjects for which he is enrolled; (*d*) evidence of his faithful attendance at his work; (*e*) evidence of the student's proficiency as demonstrated by research work, examinations or otherwise, and (*f*) whether an advanced degree or certificate was granted.

3. *Supervision.*—There should be careful and intelligent supervision of the entire school by a dean or other executive officer who holds, and has sufficient authority to

carry out, fair ideals as determined by the present day needs of graduate medical education.

4. *Curriculum and Grading of Instruction Offered.*—The graduate school should have its various courses of instruction so graded that the student, if he desires, can obtain progressive work in a continuous course of two or three years,* as may be necessary to prepare him satisfactorily for the practice of a chosen specialty. If it is found that at some previous time the student has satisfactorily completed certain portions of the work, he might be given advanced standing and thereby enabled to complete his preparation in a shorter time.

Where short operation courses are offered in any of the clinical specialties, they should be combined with review, diagnostic and clinical courses arranged either in one group for which a common fee is charged, or in a graded series so that, in effect, they would be segments of and, in total, the time and educational equivalent of the longer courses. These segments might be taken at different times, but would ultimately lead the student to the same objective. With the exception of the courses in general medicine, all short courses should fit in with a scheme, the ultimate aim of which would be a complete and satisfactory training in the specialty for which the graduate school provides instruction. Any institution offering work in any specialty, therefore, should provide (*a*) review courses in anatomy, pathology and the other basic preclinical sciences which apply to the respective specialties; (*b*) clinics in which students can have the opportunity personally to examine patients in hospital wards and outpatient departments and in which various therapeutic and operative procedures can be demonstrated; (*c*) courses of operative and laboratory technic; and (*d*) —to be assigned only when the student's previous training will warrant—assistantships in which, under the supervision of a physician who is recognized as an expert in the particular specialty, he can gradually assume responsibility in the diagnosis and therapeutic or operative treatment of the sick. Opportunity should be provided also for research work in the chosen specialty bearing on both the fundamental sciences and clinical fields. With courses so graded, no student should be admitted to any advanced short course unless, on careful investigation, he is found to possess the knowledge and skill, such as are obtainable in the other prerequisite courses.

5. *Teachers.*—The graduate medical school should be supplied with a corps of teachers well trained in and responsible for the work in all subjects in which opportunities for study are announced. This should include teachers for essential review or advanced work in the preclinical sciences, as well as those who have in charge work in clinical subjects. The teaching staff should be made up of graduates of or teachers in Class A medical colleges or other high grade educational institutions. The faculty should be organized under the various teaching departments in which work is offered, and a competent teacher should be at the head of each department.

6. *Laboratories.*—The school should possess well-equipped both laboratory and clinical subjects essential for the specialty or specialties in which opportunities are offered. There should also be an adequate supply of special apparatus, such as stereopticons, balopticons, photomicrographic outfits and roentgen-ray equipment.

7. *Library and Museum Facilities.*—The graduate school should have a medical li-

* The several fields of clinical specialization which are referred to are shown in the following list. Following completion of an internship in a general hospital, the minimum years designated after each subject represent what were considered as essential to insure efficiency in the various specialties by the Committee on Graduate Medical Instruction in their reports which were presented at the Annual Conference on Medical Education, held in Chicago, March 7, 1921:

Field	Years Essential
(a) Surgery, General	3
(b) Surgery, Orthopedic	3
(c) Surgery, Genito-Urinary	3
(d) Gynecol. and Obstet	3
(e) Ophthalmology	2
(f) Otolaryngology	2
(g) Internal Medicine	3
(h) Pediatrics	3
(i) Neuropsychiatry	3
(j) Dermatology	2
(k) Public Health and Hygiene	2

brary which should include an ample supply of modern text and reference books, files of bound medical periodicals, and the essential indexes. It should also receive regularly thirty or more standard medical periodicals, the latest numbers of which should be on tables or in racks where they are easily accessible to the graduate students. The school should be supplied also with adequate museum facilities, including anatomic and pathologic specimens.

8. *Hospitals and Dispensaries.*—The graduate medical school should have a teaching hospital with a daily average of 200 or more patients and an outpatient clinic with an average of 100 or more patients each day; or, if teaching is limited to a single specialty, a hospital of not less than twenty-five patients daily, and an outpatient clinic of at least fifty patients daily. In brief, it should have sufficient clinical material to enable it to provide satisfactory clinical study in the specialty or specialties for which opportunities are offered. In connection with the courses for general practitioners, ample clinical material should be available so that the student may be given the opportunity personally to examine patients in hospital wards and in the outpatient department, and to make the essential laboratory examinations.

9. *Annual Announcements.*—The graduate school should publish annually announcements, bulletins or catalogs giving detailed information in regard to its teachers, laboratories, dispensaries and hospitals; outlines of the various opportunities for study offered in both fundamental and clinical branches; a complete list of the students enrolled during the last preceding year, showing their medical schools and years of graduation, the subjects for which they registered and the time spent in each, and a list of those to whom advanced degrees or diploma-like certificates were granted.

10. *Advanced Degrees, Diplomas, Certificates.*—No advanced degree or diploma-like certificate should be granted to any one who is not known to be proficient in the specialty pursued; nor to any one, under any circumstances, who has not completed at least one academic year in full-time study of a single special subject in the institution granting the certificate; and unless scholarship records of the student show that, throughout the period, he has faithfully attended to his work, and unless reasonable tests show that he has diligently and satisfactorily completed the work for which he was registered.

Approved Graduate Medical Schools revised to August 21, 1926

Albany Medical College, Albany, N. Y.—Courses in Infectious Diseases and Public Health. Dr. Chas. C. Duryee, Director.

Baylor University College of Medicine, Dallas, Texas.—Summer Courses for General Practitioners. Dr. W. H. Moursund, Dean.

Chicago Policlinic, North Clark and Oak Sts.—Courses in Venereology, Urology and Dermatology. Dr. M. L. Harris, Secretary.

Colorado School of Tuberculosis, Colorado Springs, Colorado.—Dr. G. Burton Gilbert, Secretary, 402 Burns Bldg., Colorado Springs.

Columbia University College of Physicians and Surgeons, New York.—Higher Degree and General Practice Courses. Special Summer Course in Public Health (U. S. P. H. S.). Dr. William Darrach, Dean.

Cornell University Medical College, New York.—Higher Degree and General Practice Courses. Dr. Walter L. Niles, Dean.

Detroit College of Medicine and Surgery, Detroit, Mich.—Course in Public Health. Dr. I. Werness, Registrar.

Harvard Medical School, Courses for Graduates, Boston.—Basic Review and General Practice Courses. Dr. Samuel R. Meaker, Dean.

Herman Knapp Memorial Eye Hospital, School of Ophthalmology, 500 W. 57th St., New York City.—Courses in Diseases of the Eye. Dr. Gerald H. Grout, Secretary.

Howard University School of Medicine, Washington, D. C.—Courses for Gen-

eral Practitioners. Dr. Edward A. Balloch, Dean.

INDIANA UNIVERSITY SCHOOL OF MEDICINE, Indianapolis.—Higher Degree Courses. Dr. Charles P. Emerson, Dean.

JOHNS HOPKINS MEDICAL SCHOOL, Baltimore.—School of Public Health. Dr. William H. Welch, Director.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge.—Higher Degrees in Public Health. Dr. Henry Paul Talbot, Dean.

NEUROLOGICAL INSTITUTE, 149 E. 67th St., New York City.—Clinical Clerkships. Dr. E. G. Zabriskie, Secretary, Medical Board.

NEW HAVEN SCHOOL OF PHYSIOTHERAPY, 303 Whitney Ave., New Haven, Conn.—Dr. Harry Eaton Stewart, Director.

NEW YORK EYE AND EAR INFIRMARY, SCHOOL OF OPHTHALMOLOGY AND OTOLOGY, 13th St., Corner Second Ave., New York City.—Courses in Ophthalmology and Otology. Mr. Webb W. Weeks, Secretary.

NEW YORK POLYCLINIC MEDICAL SCHOOL AND HOSPITAL, 341 to 351 West 50th St., New York City.—Courses for general practitioners. Dr. J. A. Kearney, Executive Officer.

NEW YORK POST-GRADUATE MEDICAL SCHOOL AND HOSPITAL, Second Avenue and 20th St., New York City.—Special Internships and General Practice Courses. Dr. William D. Cutter, Dean.

OHIO STATE UNIVERSITY COLLEGE OF MEDICINE, Columbus.—Course in Public Health. Dr. E. R. Hayhurst, Head of Dept. of Public Health.

PHYSIATRIC INSTITUTE, Morristown, New Jersey.—Diabetes and Other Metabolic Diseases. Dr. Frederick M. Allen, Director.

ROBERT DAWSON EVANS DEPARTMENT OF CLINICAL RESEARCH AND PREVENTIVE MEDICINE (BOSTON UNIVERSITY SCHOOL OF MEDICINE), 80 E. Concord St., Boston.—Courses in Endocrinology. Dr. Allan Winter Rowe, Chief of Research Service.

STANFORD UNIVERSITY SCHOOL OF MEDICINE, San Francisco.—Summer Courses for Graduates and Residencies in Medicine and Otolaryngology. Dr. William Ophuls, Dean.

STATE UNIVERSITY OF IOWA COLLEGE OF MEDICINE, Iowa City.—Summer Courses in Public Health (U. S. P. H. S.). Dr. Lee Wallace Dean, Dean.

TRUDEAU SCHOOL OF TUBERCULOSIS, Saranac Lake, New York.—Courses for General Practitioners. Dr. E. R. Baldwin, Director.

TULANE UNIVERSITY GRADUATE SCHOOL OF MEDICINE (New Orleans Polyclinic), New Orleans.—Higher Degrees, Fellowships and General Practice Courses. Dr. Edmund D. Martin, Dean.

UNIVERSITY OF BUFFALO SCHOOL OF MEDICINE, Buffalo, N. Y.—Summer Courses for General Practitioners. Dr. C. Sumner Jones, Dean.

UNIVERSITY AND BELLEVUE HOSPITAL MEDICAL COLLEGE, New York City.—Special Courses in Surgery. Dr. John Wyckoff, Secretary.

UNIVERSITY OF CALIFORMIA GRADUATE DIVISION, Berkeley-San Francisco.—Higher Degree and Public Health Courses (U. S. P. H. S.). Dr. Charles B. Lipman, Dean.

UNIVERSITY OF CHICAGO, RUSH MEDICAL COLLEGE, Wood and Harrison Sts., Chicago.—Special and Higher Degree Courses and Residencies. Courses in Otolaryngology are now offered and others are being organized. Dr. Ernest E. Irons, Dean.

UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE, Cincinnati.—Fellowships in Surgery. Dr. Fredk. C. Hicks, President.

UNIVERSITY OF COLORADO SCHOOL OF MEDICINE, Denver.—Course in Ophthalmology. Dr. Maurice H. Rees, Dean.

UNIVERSITY OF GEORGIA, MEDICAL DEPARTMENT, Augusta.—Courses in Public Health. Dr. William H. Goodrich, Dean.

UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE, Chicago.—Higher Degree Courses. Dr. David John Davis, Dean.

UNIVERSITY OF MICHIGAN MEDICAL SCHOOL, Ann Arbor.—Summer Courses in Public Health (U. S. P. H. S.). Dr. Hugh Cabot, Dean.

UNIVERSITY OF MINNESOTA GRADUATE SCHOOL OF MEDICINE, Minneapolis-Rochester.—Higher Degree Fellowships and General Practice Courses. Dr. Guy Stanton Ford, Dean. (Mayo Foundation.)

UNIVERSITY OF PENNSYLVANIA GRADU-

ATE SCHOOL OF MEDICINE, Philadelphia.—Higher Degree and General Practice Courses. Dr. George H. Meeker, Dean.

UNIVERSITY OF PORTO RICO SCHOOL OF TROPICAL MEDICINE, San Juan, Porto Rico.—(Under the auspices of Columbia University. Dr. William Darrach, Dean.)

UNIVERSITY OF TEXAS SCHOOL OF MEDICINE, Galveston.—Summer Courses for General Practitioners. Dr. William Keiller, Dean.

UNIVERSITY OF WISCONSIN MEDICAL SCHOOL, Madison.—Course in Public Health. Miss G. K. McRae, Secretary.

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE, St. Louis.—Courses in Otolaryngology, Pediatrics, Infant Feeding, Obstetrics and Diseases of the Heart. Dr. McKim Marriott, Dean.

YALE UNIVERSITY SCHOOL OF MEDICINE, New Haven, Conn.—Residencies and General Practice Courses. Dr. Milton C. Winternitz, Dean.

Bath.—ROYAL UNITED HOSPITAL.—Course of six clinical demonstrations given each autumn on Saturday afternoons. R. G. Gordon, Hon. Sec., Postgraduate Committee, 9, The Circus, Bath, England.

Berlin.—UNIVERSITY OF BERLIN MEDICAL FACULTY, Berlin, Germany.—Courses in Diseases of the Digestive Tract, Syphilis and Advanced Courses in Specialties. Further information and detailed prospectus may be secured by applying to the "Geschäftsstelle," Berlin, N. W. 6, Luisenplatz, 2–4, Kaiserin Friedrich-Haus.

Birmingham.—UNIVERSITY OF BIRMINGHAM.—Clinical demonstrations on medical and surgical cases, skin diseases, ophthalmic cases, children's diseases, etc., given at the General Hospital and at Queen's Hospital. Ten lectures in morbid psychology from April to July. Address W. F. Haslam, Esq., M.B., F.R.C.S., The University, Edmund Street, Birmingham, England.

Bordeaux.—UNIVERSITY OF BORDEAUX, France.—Special Courses in Otorhinolaryngological Surgery, Bronchoscopy, Plastic, Mastoid and Neck Surgery. For information apply to Dr. Leon Felderman, 4428 York Rd., Philadelphia, Pa.

Bristol.—UNIVERSITY OF BRISTOL.—Clinical assistantships in all branches of hospital practice. Write to the Director of Postgraduate Studies (Clinical Section), Pathological Dept., University of Bristol, England.

Cambridge.—ADDENBROOKE'S HOSPITAL.—Operations and demonstrations in the clinical or biochemistry laboratories held every alternate autumn. Write Dr. J. Aldren Wright, 54 Trumpington Street, Cambridge, England.

Glasgow.—UNIVERSITY OF GLASGOW.—Postgraduate courses. Summer months (June to October). (1) General Medical and Surgical Course. (2) Special Clinical Course and (3) Clinical Assistantships. Winter months demonstrations in Medicine, Surgery, Obstetrics and Ophthalmology. Address the Secretary, Glasgow Postgraduate Medical Association, The University, Glasgow, Scotland.

London.—HOSPITAL FOR SICK CHILDREN, Great Ormond St., London, W. C. 1, England.—Special Graduate Course in Pediatrics. Address, Oswald L. Addison, Dean, Medical School.

London.—LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE (UNIVERSITY OF LONDON), 23 Endsleigh Gardens, Euston Rd., London, N. W. 1. For Prospectus and Calendar apply to the Secretary.

London.—NATIONAL HOSPITAL FOR THE PARALYSED AND EPILEPTIC, Queen Square, Bloomsbury, W. C. 1, England.—Special Courses and Lectures on the Nervous System. Dr. J. G. Greenfield, Dean, Medical School.

London.—NORTH-EAST LONDON POST GRADUATE COLLEGE (Prince of Wales General Hospital, Tottenham, N. 15).—Special clinical demonstration in the wards; lecture hall, out-patient departments and affiliated hospitals. Special intensive courses of two weeks' duration are held at intervals throughout the year. Address the Dean.

London.—UNIVERSITY OF LONDON, University Extension Dept., London, England.—Course of Lectures on Medical Hydrology. Dr. Halburt J. Waring, Dean.

London.—THE FELLOWSHIP OF MEDICINE AND POST GRADUATE MEDICAL ASSOCIATION, 1, Wimpole St., London, W. 1, with which

are associated some forty General and Special Hospitals in London, is prepared to offer Fellowships and Courses for General Practitioners. Full information may be obtained on application to Dr. Arthur J. Whiting, Honorary Secretary.

London.—West London Post Graduate College, Hammersmith Broadway, W. 6. —Clinical clerkships for graduate physicians obtainable in the various departments. Address the Dean.

Manchester.—Royal Infirmary.—Lectures and demonstrations on medical, surgical and special subjects given each autumn and spring. Write to E. Bosdin Leech, M.D., 16 St. John Street, Manchester, England.

Paris.—International Clinics of Oto-Rhino-Laryngology and Facio-Maxillary Surgery, St. Louis Hospital, Paris, France.—Courses in Oto-Rhino-Laryngology and Surgery. Applications or inquiries may be addressed to Dr. J. Eastman Sheehan, 636 Fifth Avenue, New York.

St. Andrews.—James MacKenzie Institute for Clinical Research, St. Andrews, Scotland.—Courses for General Practitioners. For further information write to Dr. J. Hunter Paton, Secretary.

Sheffield.—University of Sheffield.—Lectures and demonstrations on general and special subjects given each year. Work mainly clinical and practical. Write to the Hon. Secretary, Committee of Clinical Studies, University, Sheffield, England.

Hospitals Providing Approved Residencies in Certain Specialties

Barnes Hospital, 600 S. Kingshighway, St. Louis.—Residencies in the specialties, Internal Medicine, Obstetrics, Surgery and Gynecology. Dr. L. H. Burlingham, Med. Supt.

Bloomingdale Hospital for Mental Diseases, White Plains, New York.—Courses in Psychiatry. Dr. W. L. Russell, Med. Dir.

Boston Psychopathic Hospital, 74 Fenwood Rd., Boston, 17, Mass.—Residencies in Neurology, and Psychiatry. Dr. Karl M. Bowman, Chief Medical Officer.

Children's Hospital, 4616 Sunset Blvd., Los Angeles, Calif.—Residencies in Pediatrics. Miss Lilla V. Swift, R.N., Supt.

Children's Hospital, 13th and W Sts., N. W., Washington, D. C.—Residencies in Pediatrics. Miss Mattie M. Gibson, R.N., Supt.

Children's Hospital of Michigan, 5224 St. Antoine Street, Detroit.—Residencies in Pediatrics. Miss Margaret A. Rogers, R.N., Supt.

Children's Hospital, 18th and Bainbridge Sts., Philadelphia, Pa.—Residencies in Pediatrics. Miss Susan C. Francis, Supt.

Children's Memorial Hospital, 735 Fullerton Ave., Chicago.—Special Courses in Infant Feeding, Pediatrics and Otolaryngology. Joseph Brennemann, Chief of Staff.

Colorado Psychopathic Hospital, 4200 E. Ninth Ave., Denver.—Residencies in Neuropsychiatry. Dr. Franklin E. Ebaugh, Director.

Cook County Hospital, Harrison and Wood Sts., Chicago.—Residencies in Eye, Ear, Nose and Throat, Contagious, Skin and Venereal Diseases, Obstetrics, Medicine, Pediatrics, Surgery, (a) Fracture, (b) Oral. Mr. Michael Zimmer, Warden.

Elizabeth Steel Magee Hospital, Forbes and Halket Sts., Pittsburgh, Pa.—Residencies in Obstetrics and Gynecology. Miss Jesse J. Turnbull, R.N., Supt.

Fitzsimons General Hospital, Denver, Colo. Special Residencies in Tuberculosis. Address Commanding Officer.

Grace Hospital, 4160 John R. St. and Willis Ave., E., Detroit, Mich.—Residencies in General Surgery, Internal Medicine, Obstetrics and Gynecology. Dr. W. L. Babcock, Director.

Harlem Eye and Ear Hospital, 127th St. and Lexington Ave., New York City.—Residencies in Eye, Ear, Nose and Throat. Dr. Charles B. Meding, Med. Dir.

Hospital for Joint Diseases, Madison Ave. from 123d to 124th Sts., New York City.—Residencies in Orthopedic Surgery, and Physical Therapy. Dr. Henry W. Frauenthal, Medical Director.

Illinois Eye and Ear Infirmary, 904 W. Adams St., Chicago.—Residencies in Ophthalmology and Otology. Dr. Leo Steiner, Managing Officer.

James Whitcomb Riley Hospital for Children, Indianapolis, Ind.—Residencies in Pediatrics. Dr. Robert E. Neff, Administrator.

Jefferson Clinic and Diagnostic Hospital, 2201 Jefferson Ave., E., Detroit, Mich.—Special Residencies in General Surgery. Mr. Carl I. Johnson, Supt.

Johns Hopkins Hospital, Baltimore.—Residencies in the specialties. Dr. Winford H. Smith, Director.

Lakeside Hospital, 1235 Lakeside Ave., Cleveland, Ohio.—Residencies in Surgery. Dr. A. B. Denison, Med. Dir.

Louisville City Hospital, Preston and Chestnut Sts., Louisville, Ky.—Residencies in Medicine, Surgery, Pathology and Pediatrics. Ernest Shouse, Supt.

Manhattan Eye, Ear and Throat Hospital, 210 E. 64th St., New York City. —Special Internships in Eye and in Ear, Nose and Throat. Mr. Reuben O'Brien, Supt.

Manhattan Maternity and Dispensary, 327 E. 60th St., New York City.—Special Residencies in Obstetrics. Miss Agnes Martin, R. N., Supt.

Massachusetts Eye and Ear Infirmary, 243 Charles St., Cor. Fruit St., Boston. —Special Internships in Eye, and in Ear, Nose and Throat. Dr. Frederic A. Washburn, Med. Dir.

Memorial Hospital for the Treatment of Cancer and Allied Diseases, 106th St. and Central Park West, New York City.—Residencies in Cancer. Mr. George F. Holmes, Supt.

Milwaukee Children's Hospital, 219 10th St., Milwaukee, Wis.—Special Residencies in Pediatrics. Miss B. M. Henderson, R.N., Supt.

Minneapolis General Hospital, 6th Avenue and 5th Street, Minneapolis, Minn. —Residencies in Medicine, Surgery, Pediatrics, Obstetrics and in Eye, Ear, Nose and Throat. Dr. Walter E. List, Med. Supt.

Misericordia Hospital, 2224 Chestnut St., Milwaukee, Wis.—Special Residencies in Obstetrics. Sister St. Estelle, Supt.

Montefiore Hospital, Gun Hill Road, near Jerome Ave., New York City.—Special Residencies in Medicine, Neurology, Tuberculosis and Orthopedic Surgery. Dr. Ernst P. Boas, Med. Dir.

Mount Sinai Hospital, Fifth Ave. and 100th St., New York City.—Courses in Internal Medicine and Pediatrics, Surgery, Gynecology and Dietetics, Dermatology, Neurology, Psychiatry, Ophthalmology, Otology and Surgical Pathology. Write to the Secretary for Medical Instruction, 1 E. 100th St.

National Jewish Hospital, 3800 E. Colfax Ave., Denver, Colo.—Residencies in Tuberculosis. Dr. Felix Baum, Med. Dir.

New Haven Hospital, 330 Cedar St., New Haven, Conn.—Special Residencies in Gynecology, Medicine and Obstetrics. Mr. Albert W. Buck, Supt.

New York Eye and Ear Infirmary, Second Ave., Corner 13th St., New York City.—Special Residencies in Ophthalmology and Otology. Mr. Thomas K. Robertson, Supt.

New York Orthopedic Dispensary and Hospital, 430 East 59th St., New York City.—Residencies in Orthopedic Surgery. Miss Theodora S. Root, Supt.

New York Post-Graduate Hospital, Second Avenue and Twentieth St., New York City.—Special Internships and General Practice Courses. Dr. William D. Cutter, Dean.

New York Skin and Cancer Hospital, 2nd Ave. and 19th St., New York City.—Courses for General Practitioners. Miss Sara Burns, R.N., Supt.

New York Society for the Relief of the Ruptured and Crippled, 321 East 42nd St., New York City.—Special Courses in Orthopedic Surgery. Dr. Joseph D. Flick, Supt.

Pennsylvania Hospital, 4401 Market St., Philadelphia.—Courses in Neurology and Psychiatry. Dr. Earl D. Bond, Physician in Chief.

Peter Bent Brigham Hospital, 721 Huntington Ave., Boston.—Special Courses in Medicine, Surgery, Pathology and Roentgenology. Dr. J. B. Howland, Med. Supt.

Presbyterian Hospital, San Juan, Porto Rico.—Courses in Tropical Medicine. Dr. Garry R. Burke, Assoc. Med. Director.

Providence City Hospital, Eaton St.,

Providence, Rhode Island.—Courses in Contagious Diseases. Dr. D. L. Richardson, Med. Supt.

Southern Pacific Hospital, Bishop and Thomas Sts., Houston, Texas.—Residencies in Surgery. Dr. H. K. Morrison, House Surgeon.

South View Hospital, 18th Ave and Mitchell St., Milwaukee, Wis.—Courses in Contagious Diseases. Dr. M. R. French, Med. Supt.

State Hospital for Mental Diseases, Howard, Rhode Island.—Courses in Neurology. Dr. Arthur H. Harrington, Med. Supt.

St. Elizabeth's Hospital, Claremont and LeMoyne Sts., Chicago.—Summer Courses in Clinical Medicine. Sister M. Cordula, Supt.

St. Francis Hospital, Bush and Hyde Sts., San Francisco, Calif.—Residencies in General Practice. Dr. L. B. Rogers, Managing Director.

St. Louis Children's Hospital, 500 S. Kingshighway, St. Louis.—Residencies in Pediatrics. Dr. L. H. Burlingham, Med. Supt.

St. Mary's, Colonial, Kahler, Worrell and Damon Hospitals, Rochester, Minn.—Services in these hospitals form part of the Fellowships in the University of Minnesota Graduate Medical School. See list of Approved Graduate Medical Schools.

University Hospital (University of Minnesota), Church and Union Sts., S. E., Minneapolis.—Residencies in Medicine, Surgery, Pediatrics, Obstetrics, and in Eye, Ear, Nose and Throat. Dr. L. B. Baldwin, Med. Supt.

Wills Hospital, Philadelphia.—Residencies, 16 Months, in Ophthalmology. Mr. Stephen Wierzbicki, Supt.

Graduate Courses in Medical Subjects and Residencies in Specialties

WHERE THESE COURSES MAY BE OBTAINED

Anatomy:

Cornell University Medical College.
Harvard Medical School.
Indiana University School of Medicine.
James MacKenzie Institute for Clinical Research, Scotland.
Tulane University Graduate School of Medicine (Fellowships, Review and Short Courses).
University of California Graduate Division, Berkeley (for advanced students).
University of Illinois College of Medicine.
University of Minnesota Graduate School of Medicine.
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

Anesthesia:

Harvard Medical School.
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
University and Bellevue Hospital Medical College.
University of California Graduate Division, Berkeley.
University of Pennsylvania Graduate School of Medicine.

Bacteriology:

Columbia University College of Physician and Surgeons.
Cornell University Medical College.
Harvard Medical School.
Indiana University School of Medicine.
James MacKenzie Institute for Clinical Research, Scotland.
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Tulane University Graduate School of Medicine.
University of California Graduate Division, Berkeley.
University of Illinois College of Medicine.
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.
Yale Univerity School of Medicine.

Biochemistry:

Columbia University College of Physicians and Surgeons.
Cornell University Medical College.
Harvard Medical School.
Indiana University School of Medicine.

James MacKenzie Institute for Clinical Research, Scotland.
New York Post-Graduate Medical School.
Tulane University Graduate School of Medicine.
University of California Graduate Division, Berkeley.
University of Illinois College of Medicine.
University of Minnesota Graduate School of Medicine.
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

BRONCHOSCOPY:
Columbia University College of Physicians and Surgeons.
University of Pennsylvania Graduate School of Medicine.

CANCER:
Memorial Hospital, New York City (Residencies).
New York Skin and Cancer Hospital.

CARDIOLOGY:
Harvard Medical School.
University of California Graduate Division, Berkeley.
University of Pennyslvania Graduate School of Medicine.
Washington University School of Medicine.
Yale University School of Medicine.

CONTAGIOUS DISEASES:
Cook County Hospital, Chicago (Residencies).
Providence City Hospital, Rhode Island (Residencies).
South View Municipal Hospital, Milwaukee.
University of California Graduate Division, Berkeley (Residencies).
Yale University School of Medicine.

DENTAL SURGERY:
Mayo Foundation, Rochester, Minn. (Fellowships).

DERMATOLOGY:
Chicago Policlinic.
Columbia University College of Physicians and Surgeons.
Cook County Hospital, Chicago (Residencies).
Cornell University Medical College.
Harvard Medical School.
Johns Hopkins Hospital (Residencies).
Mount Sinai Hospital, New York City (Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
New York Skin and Cancer Hospital.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine.
University of California Graduate Division, Berkeley.
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.

DIABETES:
Columbia University, College of Physicians and Surgeons.
Harvard Medical School.
Physiatric Institute, Morristown, N. J.
University of Pennsylvania Graduate School of Medicine.

DIAGNOSIS (Laboratory and Physical):
Columbia University College of Physicians and Surgeons.
Harvard Medical School.
Herman Knapp Memorial Hospital, New York City.
Howard University School of Medicine.
New York Post-Graduate Medical School and Hospital.
Tulane University Graduate School of Medicine.
University of Minnesota Graduate School of Medicine.
Washington University School of Medicine.

DIETETICS:
Mount Sinai Hospital, New York.

ELECTRO-THERAPEUTICS:
Columbia University College of Physicians and Surgeons.
Harvard Medical School.
University of Pennsylvania Graduate School of Medicine.

ELECTROCARDIOGRAPHY—(See Cardiology).

ENDOCRINOLOGY:
Robert Dawson Evans Dept. of Clinical Research and Preventive Medicine (Boston University School of Medicine).

GASTRO-ENTEROLOGY:
Columbia University College of Physicians and Surgeons.
Harvard Medical School.
New York Polyclinic Medical School and Hospital.
Tulane University Graduate School of Medicine.
University of California Graduate Division, Berkeley.
University of Pennsylvania Graduate School of Medicine.

GENERAL PRACTICE:
St. Francis Hospital, San Francisco (Residencies).

GENITO-URINARY—(See Urology):

GYNECOLOGY:
Barnes Hospital, St. Louis (Residencies).
Columbia University College of Physicians and Surgeons.
Elizabeth Steel Magee Hospital, Pittsburgh (Residencies).
Grace Hospital, Detroit (Residencies).
Harvard Medical School.
Howard University School of Medicine.
Johns Hopkins Hospital (Residencies).
Mount Sinai Hospital, New York (Residencies).
New Haven Hospital (Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine.
University of California Graduate Division (Residencies).
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.

HYGIENE—(See Public Health).

IMMUNOLOGY:
Columbia University College of Physicians and Surgeons.
Harvard Medical School.
University of California Graduate Division, Berkeley.
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

INDUSTRIAL MEDICINE:
Detroit College of Medicine and Surgery.
Ohio State University College of Medicine.
University of California, Graduate Division, Berkeley.
Yale University School of Medicine.

INFANT FEEDING:
Children's Memorial Hospital, Chicago.
Columbia University College of Physicians and Surgeons.
University of Pennsylvania Graduate School of Medicine.
Washington University School of Medicine.

INSULIN TREATMENT—(See Diabetes).

INTERNAL MEDICINE—(See Medicine).

INTUBATION:
University of Pennsylvania Graduate School of Medicine.

LARYNGOLOGY AND RHINOLOGY:
Columbia University College of Physicians and Surgeons.
Cornell University Medical College.
International Clinic of Oto-Rhino-Laryngology and Surgery (St. Louis Hospital, Paris, France).
Manhattan Eye, Ear and Throat Hospital.
Massachusetts Eye and Ear Infirmary (Residencies).
Minneapolis General Hospital (Residencies).
Mount Sinai Hospital, New York.
New York Post-Graduate Medical School.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine.
University Hospital, Minneapolis (Residencies).
University of Berlin, Medical Faculty.
University of Bordeaux, France.
University of Chicago, Rush Medical College.
University of Minnesota Graduate School of Medicine (Fellowships).
Washington University School of Medicine.

MEDICAL HYDROLOGY:
University of London, England.

MEDICINE:
Barnes Hospital, St. Louis (Residencies).

Columbia University College of Physicians and Surgeons.
Cook County Hospital, Chicago (Residencies).
Cornell University Medical College.
Grace Hospital, Detroit (Residencies).
Harvard Medical School.
Howard University School of Medicine.
Indiana University School of Medicine.
Johns Hopkins Hospital (Residencies).
Louisville City Hospital, Kentucky (Residencies).
Minneapolis General Hospital (Residencies).
Montefiore Hospital, New York City (Residencies).
Mount Sinai Hospital, New York (Residencies).
New Haven Hospital (Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Peter Bent Brigham Hospital, Boston (Residencies).
St. Elizabeth's Hospital, Chicago (Clinical Medicine).
Stanford University School of Medicine (Graduate Courses and Residencies).
Tulane University Graduate School of Medicine.
University Hospital, Minneapolis (Residencies).
University of Berlin Medical Faculty.
University of California Graduate Division, Berkeley (Residencies).
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

Medico-Military Science and Tactics:
University of California Graduate Division, Berkeley.

Metabolic Diseases:
Columbia University College of Physicians and Surgeons.
Harvard Medical School.
Physiatric Institute, Morristown, N. J.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine (Short course).
University of Berlin Medical Faculty.
University of California Graduate Division, Berkeley.
University of Minnesota Graduate School of Medicine.
Yale University School of Medicine.

Nephritis:
Columbia University College of Physicians and Surgeons.
Harvard Medical School.
Physiatric Institute, Morristown, N. J.
Yale University School of Medicine.

Neurology and Psychiatry:
Bloomingdale Hospital for Mental Diseases, White Plains, N. Y.
Boston Psychopathic Hospital (Residencies).
Colorado Psychopathic Hospital (Residencies).
Columbia University College of Physicians and Surgeons.
Cornell University Medical College.
Harvard Medical School.
Johns Hopkins Hospital (Residencies).
Montefiore Hospital, New York City (Residencies).
Mount Sinai Hospital, New York.
National Hospital for the Paralysed and Epileptic, W. C. 1, London.
Neurological Institute, New York City.
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Pennsylvania Hospital, Philadelphia (Residencies).
Stanford University School of Medicine.
State Hospital for Mental Diseases, Howard, R. I.
Tulane University Graduate School of Medicine.
University of California Graduate Division, Berkeley.
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.

Obstetrics:
Barnes Hospital, St. Louis (Residencies).
Cook County Hospital, Chicago (Residencies).
Elizabeth Steel Magee Hospital, Pittsburgh (Residencies).
Grace Hospital, Detroit (Residencies)

Harvard Medical School.
Howard University School of Medicine.
Johns Hopkins Hospital (Residencies).
Manhattan Maternity and Dispensary, New York City (Residencies).
Minneapolis General Hospital (Residencies).
Misericordia Hospital, Milwaukee (Residencies).
New Haven Hospital (Residencies).
New York Polyclinic Medical School and Hospital.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine (Fellowships, Review and Short Courses).
University Hospital, Minneapolis (Residencies).
University of California Graduate Division (Residencies).
University of Minnesota Graduate School of Medicine.
University of Pennsylvania Graduate School of Medicine.
Washington University School of Medicine.

OPHTHALMOLOGY:
Columbia University College of Physicians and Surgeons.
Cook County Hospital, Chicago (Residencies).
Cornell University Medical College.
Harlem Eye and Ear Hospital (Residencies).
Harvard Medical School.
Herman Knapp Memorial Eye Hospital.
Illinois Eye and Ear Infirmary (Residencies).
Indiana University School of Medicine.
James MacKenzie Institute for Clinical Research, Scotland.
Manhattan Eye, Ear and Throat Hospital.
Massachusetts Eye and Ear Infirmary (Residencies).
Minneapolis General Hospital (Residencies).
Mount Sinai Hospital, New York.
New York Eye and Ear Infirmary (Short Courses and Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine.
University Hospital, Minneapolis (Residencies).
University of California Graduate Division, Berkeley.
University of Colorado School of Medicine.
University of Minnesota Graduate School of Medicine.
University of Pennsylvania Graduate School of Medicine.
Washington University School of Medicine.
Wills Hospital, Philadelphia (Residencies).

ORTHOPEDIC, SURGERY:
Harvard Medical School.
Hospital for Joint Diseases, New York City (Residencies).
Montefiore Hospital, New York City (Residencies).
New York Orthopedic Dispensary and Hospital (Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
New York Society for the Relief of the Ruptured and Crippled, New York City (Residencies).
Stanford University, School of Medicine.
Tulane University Graduate School of Medicine.
University of California Graduate Division, Berkeley.
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

OTOLARYNGOLOGY:
Columbia University College of Physicians and Surgeons.
Cook County Hospital, Chicago (Residencies).
Harlem Eye and Ear Hospital (Residencies).
Harvard Medical School.
Howard University School of Medicine.
Indiana University School of Medicine.

International Clinic of Oto-Rhino-Laryngology and Surgery (St. Louis Hospital, Paris).
Johns Hopkins Hospital, Baltimore (Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Stanford University School of Medicine (Graduate Courses and Residencies).
Tulane University Graduate School of Medicine.
University of Berlin Medical Faculty.
University of Bordeaux, France.
University of Chicago, Rush Medical College.
University of California Graduate Division, Berkeley.
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.
Washington University School of Medicine.

Otology:
Columbia University College of Physicians and Surgeons.
Cook County Hospital, Chicago (Residencies).
Harlem Eye and Ear Hospital (Residencies).
Harvard Medical School.
Illinois Eye and Ear Infirmary (Residencies).
Manhattan Eye, Ear and Throat Hospital.
Massachusetts Eye and Ear Infirmary (Residencies).
Minneapolis General Hospital (Residencies).
Mount Sinai Hospital, New York.
New York Eye and Ear Infirmary (Short Courses and Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine.
University Hospital, Minneapolis (Residencies).
University of California Graduate Division, Berkeley.
University of Colorado School of Medicine.
University of Minnesota Graduate School of Medicine.
University of Pennsylvania Graduate School of Medicine.
Washington University School of Medicine.

Parasitology and Tropical Medicine:
University of California Graduate Division, Berkeley.
University of Pennsylvania Graduate School of Medicine.

Pathology:
Columbia University College of Physicians and Surgeons.
Cornell University Medical College.
Harvard Medical School.
Indiana University School of Medicine.
Louisville City Hospital, Kentucky (Residencies).
Mount Sinai Hospital, New York City.
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Peter Bent Brigham Hospital, Boston.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine (Fellowships).
University of California Graduate Division, Berkeley (for advanced students).
University of Illinois College of Medicine.
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

Pediatrics:
Children's Hospital, Los Angeles (Residencies).
Children's Hospital, Washington, D.C. (Residencies).
Children's Hospital of Michigan (Residencies).
Children's Hospital, Philadelphia (Residencies).
Children's Memorial Hospital, Chicago.
Columbia University College of Physicians and Surgeons.

Cook County Hospital, Chicago (Residencies).
Harvard Medical School.
Hospital for Sick Children, London, England.
James Whitcomb Riley Hospital for Children, Indianapolis (Residencies).
Johns Hopkins Hospital, Baltimore (Residencies).
Louisville City Hospital, Kentucky (Residencies).
Milwaukee Children's Hospital (Residencies).
Minneapolis General Hospital (Residencies).
Mount Sinai Hospital, New York City.
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Stanford University School of Medicine.
St. Louis Children's Hospital (Residencies).
Tulane University Graduate School of Medicine (Fellowships).
University Hospital, Minneapolis (Residencies).
University of California Graduate Division (Residencies).
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.
Washington University School of Medicine.
Yale University School of Medicine (Research).

PHARMACOLOGY:
Cornell University Medical College.
Harvard Medical School.
Stanford University School of Medicine.
University of California Graduate Division, Berkeley.
University of Illinois College of Medicine.
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

PHYSIOLOGY:
Columbia University College of Physicians and Surgeons.
Cornell University Medical College.
Harvard Medical School.
Indiana University School of Medicine.
James MacKenzie Institute for Clinical Research, Scotland.
Tulane University Graduate School of Medicine.
University of California Graduate Division.
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

PHYSICAL THERAPY:
Columbia University College of Physicians and Surgeons.
Harvard Medical School.
Hospital for Joint Diseases, New York City (Residencies).
New Haven School of Physiotherapy.
Stanford University School of Medicine.

PREVENTIVE MEDICINE (See Public Health).

PROCTOLOGY:
Harvard Medical School.
New York Polyclinic Medical School and Hospital.
Tulane University Graduate School of Medicine.

PUBLIC HEALTH, HYGIENE AND PREVENTIVE MEDICINE:
Albany Medical College.
Columbia University College of Physicians and Surgeons.
Detroit College of Medicine and Surgery.
Harvard Medical School.
Howard University School of Medicine.
Johns Hopkins Medical School, Baltimore.
Massachusetts Institute of Technology.
Ohio State University College of Medicine.
State University of Iowa College of Medicine.
University of California Graduate Division, Berkeley.
University of Georgia Medical Department.
University of Michigan Medical School.
University of Minnesota Graduate School of Medicine.
University of Pennsylvania Graduate School of Medicine.
University of Wisconsin Medical School, Madison.
Yale University School of Medicine, New Haven.

RADIOLOGY:
Harvard Medical School.
Howard University School of Medicine.
James MacKenzie Institute for Clinical Research, Scotland.
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
New York Skin and Cancer Hospital.
Peter Bent Brigham Hospital, Boston.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine.
University of California Graduate Division, Berkeley.
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

REFRACTION:
Columbia University College of Physicians and Surgeons.
Cornell University Medical College.
Harvard Medical School.
Herman Knapp Memorial Eye Hospital.
Manhattan Eye, Ear and Throat Hospital.
Massachusetts Eye and Ear Infirmary.
New York Eye and Ear Infirmary.
New York Post-Graduate Medical School.
Tulane University Graduate School of Medicine.
University of Colorado School of Medicine.
University of Minnesota Graduate School of Medicine.
University of Pennsylvania Graduate School of Medicine.
Washington University School of Medicine.

RESEARCH MEDICINE:
University of California Graduate Division (for advanced students).

RHINOLOGY—(See Otolaryngology).

ROENTGENOLOGY—(See Radiology).

SURGERY (Surgical Anatomy, Surgical Diagnosis, Operative Surgery):
Barnes Hospital, St. Louis (Residencies).
Columbia University College of Physicians and Surgeons.
Cook County Hospital, Chicago (Residencies).
Cornell University Medical College.
Grace Hospital, Detroit (Residencies).
Harvard Medical School.
Howard University School of Medicine.
Indiana University School of Medicine.
International Clinic of Oto-Rhino-Laryngology and Surgery (St. Louis Hospital, Paris, France).
Jefferson Clinic and Diagnostic Hospital (Residencies).
Johns Hopkins Hospital (Residencies).
Lakeside Hospital, Cleveland, Ohio (Residencies).
Louisville City Hospital, Kentucky (Residencies).
Minneapolis General Hospital (Residencies).
Montefiore Hospital, New York City (Residencies).
Mount Sinai Hospital, New York City (Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Peter Bent Brigham Hospital, Boston (Residencies).
Southern Pacific Hospital, Houston, Texas (Residencies).
Stanford University School of Medicine.
Tulane University Graduate School of Medicine.
University and Bellevue Hospital Medical College.
University Hospital, Minneapolis (Residencies).
University of California Graduate Division (Residencies).
University of Cincinnati College of Medicine (Fellowships).
University of Minnesota Graduate School of Medicine (Fellowships).
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

SURGERY (Traumatic and Emergency):
New York Post-Graduate Medical School.

SYPHILOLOGY:
Columbia University College of Physicians and Surgeons.
Harvard Medical School.

New York Polyclinic Medical School and Hospital.
New York Skin and Cancer Hospital.
Stanford University School of Medicine.
University of Berlin Medical Faculty.
University of California Graduate Division, Berkeley.
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

TROPICAL MEDICINE:
Columbia University College of Physicians and Surgeons.
London School of Hygiene and Tropical Medicine.
Presbyterian Hospital, San Juan, Porto Rico.
Tulane University Graduate School of Medicine.
University of Porto Rico, San Juan.

TUBERCULOSIS:
Colorado School of Tuberculosis.
Fitzsimons General Hospital, Denver (Residencies).
Montefiore Hospital, New York City (Residencies).
National Jewish Hospital, Denver (Residencies).
The Trudeau School of Tuberculosis, Saranac Lake, N. Y.
Tulane University Graduate School of Medicine (Short Course).
University of California Graduate Division (Residencies).
University of Pennyslvania Graduate School of Medicine.

UROLOGY:
Chicago, Policlinic.
Harvard Medical School.
Howard University School of Medicine.
Johns Hopkins Hospital (Residencies).
New York Polyclinic Medical School and Hospital.
New York Post-Graduate Medical School.
Stanford University School of Medicine.
Tulane University Graduate School of Medicine.
University of California Graduate Division, Berkeley.
University of Minnesota Graduate School of Medicine.
University of Pennsylvania Graduate School of Medicine.
Yale University School of Medicine.

VENEREOLOGY:
Chicago Policlinic.

FUTURE ADDITIONS TO THE APPROVED LIST

Other institutions which are offering higher degree opportunities in medical subjects, other hospitals with special residencies, and other graduate medical schools will be added to the list on application and after, on investigation, their educational standards and provisions for post-graduate education are found to comply with the principles governing graduate medical education.

Special hospitals, or general hospitals which also provide residencies or advanced internships in special departments, are invited to make application to be included in the list of hospitals providing approved residencies in certain specialties. This approval is extended to only those hospitals that require the completion of a general internship for admission to the residencies.

THE ASSOCIATION OF AMERICAN MEDICAL COLLEGES

The requirements for admission to and graduation from colleges holding membership in this association are 15 units of high school work and two years (60 semester hours) of college work.

CURRICULUM: The entire course of four years shall consist of not less than 3,600 hours, and shall be grouped in divisions and subdivided into subjects, each division to be allotted approximately the time, on a percentage basis, as shown in the following schedule:

1. Anatomy, including embryology and histology	14 –18½%
2. Physiology	4½– 6 %
3. Biochemistry	3½– 4½%
4. Pathology, bacteriology and immunology	10 –13 %
5. Pharmacology	4 – 5 %
6. Hygiene and sanitation	3 – 4 %
7. General medicine (neurology and psychiatry, pediatrics, dermatology and syphilis)	20 –26½%
8. General surgery (orthopedic surgery, urology, ophthalmology, otolaryngology, roentgenology)	13 –17½%
9. Obstetrics and gynecology	4 – 5 %
	76 – 100%
Electives	24 – 0 %

MEMBERS OF ASSOCIATION

University of Alabama School of Medicine.
College of Medical Evangelists.
Stanford University School of Medicine.
University of California Medical School.
McGill University Faculty of Medicine.
University of Toronto Faculty of Medicine.
University of Colorado School of Medicine.
Yale University School of Medicine.
Georgetown University School of Medicine.
George Washington University Medical School.
Howard University School of Medicine.
Army Medical School.
Navy Medical School.
Emory University School of Medicine.
University of Georgia Medical Department.
Loyola University School of Medicine.
Northwestern University Medical School.
Rush Medical College.
University of Illinois College of Medicine.
Indiana University School of Medicine.
State University of Iowa College of Medicine.
University of Kansas School of Medicine.
University of Louisville School of Medicine.
Tulane University of Louisiana School of Medicine.
Johns Hopkins University School of Medicine.
University of Maryland School of Medicine and College of Physicians and Surgeons.
Boston University School of Medicine.
Harvard University Medical School.
Tufts College Medical School.
Detroit College of Medicine and Surgery.
University of Michigan Medical School.
University of Minnesota Medical School.
University of Mississippi School of Medicine.
St. Louis University School of Medicine.
University of Missouri School of Medicine.
Washington University School of Medicine.
Creighton University School of Medicine.
University of Nebraska College of Medicine.
Albany Medical College.
Columbia University College of Physicians and Surgeons.
Cornell University Medical College.
Long Island College Hospital.
New York Post-Graduate Medical School and Hospital.
Syracuse University College of Medicine.
University and Bellevue Hospital Medical College.
University of Buffalo Medical Department.
University of North Carolina School of Medicine.
Wake Forest College School of Medicine.
University of North Dakota School of Medicine.
Ohio State University College of Medicine.
University of Cincinnati College of Medicine.
Western Reserve University School of Medicine.
University of Oklahoma School of Medicine.
University of Oregon Medical School.
Hahnemann Medical College and Hospital.
Jefferson Medical College.
University of Pennsylvania School of Medicine.
University of Pittsburgh School of Medicine.
Woman's Medical College of Pennsylvania.
University of the Philippines College of Medicine and Surgery.
Medical College of the State of South Carolina.
University of South Dakota College of Medicine.
Meharry Medical College.
University of Tennessee College of Medicine.
Vanderbilt University School of Medicine.
Baylor University College of Medicine.
University of Texas School of Medicine.
University of Vermont College of Medicine.
Medical College of Virginia.
University of Virginia Department of Medicine.
West Virginia University School of Medicine.
Marquette University School of Medicine.
University of Wisconsin Medical School.

The secretary-treasurer of the Association is Dr. Fred C. Zapffe, 25 East Washington Street, Chicago.

PHARMACY

The American Association of Colleges of Pharmacy has set up the following qualifications for members of the Association:

1. The institution shall be incorporated as a college or school of pharmacy, or be a department of a regularly incorporated edu-

cational institution, or a department of a State university, or conducted by an incorporated pharmaceutical society.

No college of pharmacy that is conducted for gain shall be eligible for membership in the Association.

2. For active membership, the college shall have been in continuous operation for at least five years prior to the date of application for membership in the Association.

A college recently organized within a well established institution of higher learning may become an associate member, said associate membership to continue until the institution shall meet the time requirement for active membership. Associate members must meet all requirements for active membership except the time requirement. All the privileges enjoyed by active members shall be extended to associate members except the privilege of voting and of attending executive sessions.

3. The institution shall include in its course of instruction, oral lectures, personal laboratory work, recitations, and reviews.

Work in absentia shall be excluded except in academic subjects, and then shall be recognized only when conducted under the direction of the extension division of recognized universities whose extension credits are accepted by State departments of education or other accrediting bodies.

4. The college shall require of each candidate for graduation not less than 2,250 hours of instruction, of which at least 1,000 hours shall consist of lectures and recitations, such work to be given in a period of not less than three full college years of at least thirty weeks each. At least two months must elapse between the first and second years and between the second and third years.

Any college that conducts a regularly organized summer session may be permitted, with the approval of the Executive Committee, to shorten this time in years, provided all the required hours are completed.

Prior to July 1, 1927, member-colleges are permitted to complete their two-year courses under the following conditions:

First. The institution shall require of each candidate for graduation not less than 1,500 hours of instruction, of which at least 500 hours shall consist of lectures and recitations, such work to be given in a period of two full college years of not less than thirty weeks each and at least two months should elapse between these two years. An hour of laboratory work performed under the immediate direction and oversight of an instructor shall count as the equivalent of an hour of lecture or recitation. The minimum number of hours a week shall be twenty-four or 720 hours a school year of thirty weeks.

Second. No beginning student shall be permitted to enter upon a two-year course in any member-college after July 1, 1925, and no member-college shall grant a degree for the completion of a two-year course after July 1, 1927.

5. The requirements for admission of students to member-colleges as candidates for any degree shall be:

a) Evidences of the satisfactory completion of four years of high school work or its equivalent.

b) Certificates as to the entrance requirements of all students must be completed within sixty days of the opening of the school term, and students shall be admitted to courses leading to degrees only during the first thirty days of each session.

c) Member-colleges shall prepare each year before April 1st a statement of the students enrolled since the last report, showing the character and extent of the credentials for entrance, and the standing accorded them. Such reports shall be certified to by the proper officers of the college, seal attached, and shall be forwarded to the Chairman of the Executive Committee, who shall examine them carefully and report to the Association at the next annual meeting any irregularity, or evidence that the spirit and letter of the Association standards are being violated. The failure of any member-college to comply with this requirement shall be published in the Proceedings and if the offending member fails to meet this requirement after due notification for two consecutive years, it shall be

subject to expulsion from the Association. Said member-college may be reinstated by a two-thirds vote of the entire Association, upon the recommendation of the President and the Chairman of the Executive Committee.

d) A student desiring to transfer from one college to another shall be required to present a transcript of his record and a certificate of honorable dismissal from the college he is leaving. If above conditions are complied with, then the admittance of the student is optional on the part of the second college.

6. The degree of Graduate in Pharmacy (Ph.G.) shall be given for the minimum three-year course of 2,250 hours.

The degree of Bachelor of Science in Pharmacy (B.S. in Phar.) may be given upon the completion of not less than a four-year course, it being understood that this degree shall be for work that will admit to full standing in the graduate school of any recognized university.

The degree of Master of Science in Pharmacy (M.S. in Phar.) may be given upon the completion of not less than one year of graduate work. Graduate work shall be interpreted to mean work done after the completion of the requirements for the baccalaureate degree.

The degree of Doctor of Pharmacy (Phar.D.) may be given upon the completion of not less than three years of graduate work.

7. No change in qualification for admission to or membership in the Association shall be made unless the same has been presented in writing to the Association at a regular meeting and to the members of the Association by mail at least one year prior to its adoption and unless it shall have been adopted by a two-thirds vote of all member-colleges represented at the regular meeting at which the vote was taken.

The following institutions hold membership in the American Association of Colleges of Pharmacy:

ALABAMA:
- Alabama Polytechnic Institute, Department of Pharmacy, Auburn.

CALIFORNIA:
- University of California, California College of Pharmacy, San Francisco.
- University of Southern California, College of Pharmacy, Los Angeles.

COLORADO:
- University of Colorado, College of Pharmacy, Boulder.

DISTRICT OF COLUMBIA:
- George Washington University, School of Pharmacy, Washington.

ILLINOIS:
- University of Illinois, School of Pharmacy, Chicago.

INDIANA:
- University of Notre Dame, School of Pharmacy, Notre Dame.
- Purdue University, School of Pharmacy, Lafayette.
- Valparaiso University, School of Pharmacy, Valparaiso.

IOWA:
- Des Moines University, College of Pharmacy, Des Moines.
- State University of Iowa, College of Pharmacy, Iowa City.

KANSAS:
- University of Kansas, School of Pharmacy, Lawrence.

KENTUCKY:
- Louisville College of Pharmacy, Louisville.

LOUISIANA:
- Loyola University, New Orleans College of Pharmacy, New Orleans.
- Tulane University of Louisiana, School of Pharmacy, New Orleans.

MARYLAND:
- University of Maryland, School of Pharmacy, Baltimore.

MASSACHUSETTS:
- Massachusetts College of Pharmacy, Boston.

MICHIGAN:
- University of Michigan, College of Pharmacy, Ann Arbor.
- Detroit Institute of Technology, College of Pharmacy and Chemistry, Detroit.

MINNESOTA:
- University of Minnesota, College of Pharmacy, Minneapolis.

MISSISSIPPI:
University of Mississippi, School of Pharmacy, Oxford.

MISSOURI:
St. Louis College of Pharmacy, St. Louis.

MONTANA:
University of Montana, School of Pharmacy, Missoula.

NEBRASKA:
University of Nebraska, College of Pharmacy, Lincoln.
Creighton University, College of Pharmacy, Omaha.

NEW JERSEY:
New Jersey College of Pharmacy, Newark.

NORTH CAROLINA:
University of North Carolina, School of Pharmacy, Chapel Hill.

NORTH DAKOTA:
North Dakota Agricultural College, School of Pharmacy, Fargo.

OHIO:
Western Reserve University, School of Pharmacy, Cleveland.
Ohio State University, College of Pharmacy, Columbus.
Ohio Northern University, College of Pharmacy, Ada.

OKLAHOMA:
The University of Oklahoma, School of Pharmacy, Norman.

OREGON:
North Pacific College of Pharmacy, Portland.
Oregon Agricultural College, School of Pharmacy, Corvallis.

PENNSYLVANIA:
University of Pittsburgh, Pittsburgh College of Pharmacy, Pittsburgh.
Philadelphia College of Pharmacy and Science, Philadelphia.

PHILIPPINES:
University of the Philippines, School of Pharmacy, Manila.

SOUTH CAROLINA:
Medical College of the State of South Carolina, School of Pharmacy, Charleston.

SOUTH DAKOTA:
South Dakota State College, Division of Pharmacy, Brookings.

TENNESSEE:
Meharry Medical College, Department of Pharmacy, Nashville.
University of Tennessee, School of Pharmacy, Memphis.

VIRGINIA:
Medical College of Virginia, School of Pharmacy, Richmond.

WASHINGTON:
State College of Washington, School of Pharmacy, Pullman.
University of Washington, College of Pharmacy, Seattle.

WEST VIRGINIA:
West Virginia University, Medical School, Department of Pharmacy, Morgantown.

WISCONSIN:
University of Wisconsin, Course in Pharmacy, Madison.

ASSOCIATE MEMBERS

FLORIDA:
University of Florida, School of Pharmacy, Gainesville.

MICHIGAN:
College of the City of Detroit, School of Pharmacy, Detroit.

SOCIAL WORK

The Association of Schools of Professional Social Work is preparing a statement of standards for admission to that organization for publication in 1927. The membership in June, 1926, included the following institutions in the United States:

CALIFORNIA:
University of Southern California, School of Social Welfare, Los Angeles.

DISTRICT OF COLUMBIA:
National Catholic Service School, Washington.

ILLINOIS:
Loyola University, School of Sociology Chicago.
University of Chicago, Graduate Schoo of Social Service Administration, Chi cago.

INDIANA:
Indiana University, Training Course o Social Workers, Bloomington and In dianapolis.

MARYLAND:
Johns Hopkins University, Department of Political Economy, Baltimore.
MASSACHUSETTS:
Simmons College, School of Social Work, Boston.
Smith College Training School for Social Work, Northampton.
MICHIGAN:
University of Michigan, Ann Arbor.
MINNESOTA:
University of Minnesota, Training Course for Social and Civic Work, Minneapolis.
MISSOURI:
University of Missouri, Department of Training for Rural Service, Columbia.
NEW YORK:
The New York School of Social Work, New York City.
NORTH CAROLINA:
University of North Carolina, School of Public Welfare, Chapel Hill.
OHIO:
Ohio State University, College of Commerce and Journalism, Department of Social Work, Columbia.
University of Cincinnati, Department of Sociology, Cincinnati.
Western Reserve University, School of Applied Social Sciences, Cleveland.
OREGON:
University of Oregon, School of Social Work, Portland.
PENNSYLVANIA:
Bryn Mawr College, Carola Woerishoffer Graduate Department of Social Economy and Social Research, Bryn Mawr.
Carnegie Institute of Technology, Margaret Morrison School, Department of Social Work, Pittsburgh.
The Pennsylvania School of Social and Health Work, Philadelphia.
VIRGINIA:
School of Social Work and Public Health, Richmond.
WISCONSIN:
University of Wisconsin, Department of Economics, Madison.

Only two of these members of the Association of Schools of Professional Social Work are not affiliated with universities: the New York School of Social Work, 105 East 22d Street, New York City, and the Pennsylvania School of Social and Health Work.

The New York School of Social Work was organized in 1898 as a graduate school. It prepares its students for the fields of social case work, criminology, industry, social research and community organization. The curriculum is organized around the practice work of the student, approximately one-half the time being spent in field-work in New York City. For admission a candidate must be a college graduate whose qualifications including health are approved by the Committee on Admissions. Tuition for the full course is $350 ($70 a quarter). Fellowships: 18 of $1,200 each including one for a foreign student; a number of other fellowships and scholarships. Loan fund. Library facilities are afforded by the Russell Sage Foundation in its adjacent building. A diploma is awarded on the completion of 84 points credit for courses selected from the curriculum. Normally this can be completed in six quarters.

The Pennsylvania School of Social and Health Work, 80 Juniper Street, Philadelphia, Pennsylvania.

THEOLOGY

For full information regarding training for the Protestant ministry in the United States there is available "Theological Education in America: A study of 161 theological schools in the United States and Canada by Robert L. Kelly, LL.D., Executive Secretary, Council of Church Boards of Education, New York, George H. Doran Company, 1924." This volume is the result of a study authorized by the Institute of Social and Religious Research, 370 Seventh Avenue, New York City. In the list of 131 theological seminaries in the United States, the term seminary as used by the institution itself has been used by Dr. Kelly. The volume which he has published is really an attempt to evaluate these institutions in terms of personnel, equipment, financial resources, admission requirements, curriculum, methods of study, requirements for graduation.

Although there is in the United States a Federal Council of Churches in which some denominations find it possible to cooperate, denominational institutions as yet seem to have been unwilling to cooperate in any association of theological seminaries with a purpose like that of the Association of Law Schools—the elevation of educational requirements for the profession. Indeed, admission and graduation requirements are so variously stated and administered that there is no possibility of offering a list of seminaries classified in accordance with educational standards. Consequently, the entire list of American seminaries named by Dr. Kelly is printed. Some objective facts—location, date of founding, enrollment, number of students who already possess the A.B. degree, total assets including plant and funds, and number of volumes in library—may be of interest. Items are presented in the order given in the first case, dashes being used to indicate absence of information.

Advent Christian Church:

Aurora College, Aurora, Illinois, 1892: *Total enrolment*, 26; *B.A. degree*, —; *total assets*, —; *books*, 2,000.

New England School of Theology, Boston, Massachusetts, 1902: 26; —; $27,000; —.

Seventh Day Adventists:

Broadview Theological Seminary, La Grange, Illinois, 1910: 120; —; —; —.

Hutchinson Theological Seminary, Hutchinson, Minnesota, 1910: 197; —; —; 6,000.

Baptist: Northern Baptist Convention:

Berkeley Baptist Divinity School, Berkeley, California, 1889: 35; 7; $237,000; 4,000.

Bethel Theological Seminary, St. Paul, Minnesota, 1871: 38; —; —; —.

Colgate Theological Seminary, Hamilton, New York, 1819: 54; 2; —; —.

Crozer Theological Seminary, Chester, Pennsylvania, 1867: 68; 20; $1,751,000; 31,000.

Danish Baptist Theological Seminary, Des Moines, Iowa, 1884: 10; —; $30,000; 1,000.

Divinity School, University of Chicago, Chicago, Illinois, 1865: 491; 397; —; —.

International Baptist Seminary, East Orange, New Jersey: 66; —; —; 3,000.

Kansas City Baptist Theological Seminary, Kansas City, Kansas, 1901: 48; 14; —; —.

Newton Theological Institution, Newton Center, Massachusetts, 1825: 93; 50; —; —.

Northern Baptist Theological Seminary, Chicago, Illinois, 1913: 111; 30; $260,000; 3,000.

Rochester Theological Seminary, Rochester, New York, 1850: 82; 76; $2,718,000; 49,000.

Southern Baptist Convention:

Southern Baptist Theological Seminary, Louisville, Kentucky, 1858: 425; 150; $2,000,000; 29,000.

Southwestern Baptist Theological Seminary, Fort Worth, Texas, 1908: 758; 147; $1,477,000; 8,000.

Mercer University School of Theology, Macon, Georgia, ——: 172; 27; —; —.

Seventh Day Baptist:

Alfred Theological Seminary, Alfred, New York, 1857: 2; 1; —; —.

Brethren Church (Progressive Dunkers):

Ashland College Seminary, Ashland, Ohio, 1878: 39; —; —; —.

Church of the Brethren (Conservative Dunkers):

Bethany Bible School, Chicago, Illinois, 1906: 257; 29; —; —.

Juniata College, School of Theology, Huntington, Pennsylvania, 1889: 10; 9; —; —.

Church of the United Brethren in Christ:

Bonebrake Theological Seminary, Dayton, Ohio, 1873: 70; 34; $1,550,000; 8,000.

Christian Church:

Christian Divinity School, Defiance, Ohio, 1868: 51; 2; —; —.

Churches of God in North America:

General Eldership.

Findlay College, School of Religion, Findlay, Ohio, 1882: —; —; —; —.

Churches of New Jerusalem:

New Church Theological School, Cam-

bridge, Massachusetts, 1881: 11; 3; $255,000; —.

CONGREGATIONAL:

Andover Theological Seminary, Cambridge, Massachusetts, ——: —; —; $1,313,000; —.

Atlanta Theological Seminary, Atlanta, Georgia, ——: 24; 7; $89,000; 6,000.

Bangor Theological Seminary, Bangor, Maine, 1814: 40; 5; $578,000; 33,000.

Chicago Theological Seminary, Chicago, Illinois, 1855: 68; 44; $1,118,000; 30,000.

Hartford Theological Seminary, Hartford, Connecticut, 1834: 58; 45; $2,325,000; 113,000.

Oberlin Graduate School of Theology, Oberlin, Ohio, 1834: 37; 37; —; —.

Pacific School of Religion, Berkeley, California, 1866: 37; 30; $911,000; 30,000.

Union Theological College, Chicago, Illinois, 1916: 47; —; $121,000, 11,000.

Yale Divinity School, New Haven, Connecticut, 1822: 197; 182; —; —.

DISCIPLES OF CHRIST:

Drake University, College of the Bible, Des Moines, Iowa, 1881: 83; 16; $246,000; —.

Transylvania College, College of the Bible, Lexington, Kentucky, 1878: 58; 7; $385,000; —.

EVANGELICAL ASSOCIATION:

Evangelical School of Theology, Reading, Pennsylvania, 1881: 21; —; —; —.

Evangelical Theological Seminary, Naperville, Illinois, 1873: 82; 40; $278,000, 5,000.

EVANGELICAL SYNOD OF NORTH AMERICA:

Eden Theological Seminary, St. Louis, Missouri, 1855: 98; —; —; —.

LUTHERAN CHURCH, IOWA SYNOD:

Wartburg Theological Seminary, Dubuque, Iowa, 1854: 48; 17; $300,000; —.

LUTHERAN: UNITED LUTHERAN CHURCH IN AMERICA:

Chicago Lutheran Theological Seminary, Maywood, Illinois, 1891: 30; 9; $570,000; 15,000.

Hamma Divinity School, Springfield, Ohio, 1845: 40; —; $388,000; —.

Hartwick Seminary, Otsego Co., New York, 1816: 4; 1; $126,000; 7,000.

Lutheran Theological Seminary, Philadelphia, Pennsylvania, 1864: 97; —; —; 32,000.

Martin Luther Seminary, Lincoln, Nebraska, 1914: 15; —; —; 5,000.

Northwestern Lutheran Theological Seminary, Minneapolis, Minnesota, 1921: 19; 12; —; 5,000.

Pacific Theological Seminary, Seattle, Washington, 1914: 11; 5; $37,000; 1,000.

Southern Lutheran Theological Seminary, Columbia, South Carolina, 1921: 11; 9; $136,000; 5,000.

Susquehanna University, School of Theology, Selinsgrove, Pennsylvania, 1858: 28; 24; —; —.

Theological Seminary of the United Lutheran Church, Gettysburg, Pennsylvania, 1826: 50; 44; $675,000; 30,000.

Western Theological Seminary, (Midland College), Fremont, Nebraska, 1895: 11; 11; $88,000; 4,000.

LUTHERAN: JOINT OHIO SYNOD:

Evangelical Lutheran Theological Seminary, Columbus, Ohio, 1834: 62; 41; —; —.

Luther Theological Seminary, St. Paul, Minnesota, ——: 104; 82; —; —.

LUTHERAN: BUFFALO SYNOD:

Martin Luther Seminary, Buffalo, New York, ——: 19; —; —; —.

LUTHERAN: AUGUSTANA SYNOD:

Augustana College and Theological Seminary, Rock Island, Illinois, 1865: 89; 76; —; —.

LUTHERAN: NORWEGIAN LUTHERAN CHURCH OF AMERICA:

Luther Theological Seminary and Training School, St. Paul, Minnesota, 1917: 97; —; —; —.

LUTHERAN FREE CHURCH:

Augsburg Seminary, Minneapolis, Minnesota, 1869: 14; 5; $228,000; 6,000.

LUTHERAN: UNITED DANISH CHURCH:

Trinity Seminary, Blair, Nebraska, 1899: 8; 3; —; —.

LUTHERAN: DANISH CHURCH:
Grandview College, Des Moines, Iowa, ——: 4; —; —; —.

LUTHERAN: SUOMI SYNOD:
Suomi College and Theological Seminary, Hancock, Michigan, 1896: 9; —; —; —.

LUTHERAN: FINNISH NATIONAL SYNOD:
Theological Seminary, Finnish Evangelical Lutheran National Church of America, Ironwood, Michigan, ——: 3; —; —; —.

LUTHERAN: MISSOURI SYNOD:
Concordia Theological Seminary, St. Louis, Missouri, 1853: 364; —; —; 15,000.
Concordia Theological Seminary, Springfield, Illinois, 1846: 187; —; —; —.

LUTHERAN: EVANGELICAL LUTHERAN JOINT SYNOD OF WISCONSIN AND OTHER STATES:
Evangelical Lutheran Theological Seminary Wauwatosa, Wisconsin, ——: 73; —; —; —.

MENNONITES:
Witmarsum Theological Seminary, Bluffton, Ohio, 1904: 18; 12; $98,000; 5,000.

METHODIST EPISCOPAL:
Boston University School of Theology, Boston, Massachusetts, 1839: 305; 278; $1,065,000; 15,000.
Central Wesleyan Theological Seminary, Warrenton, Missouri, ——: 45; 7; —; —.
Drew Theological Seminary, Madison, New Jersey, 1868: 217; 153; $2,296,000; 138,000.
Garrett Biblical Institute, Evanston, Illinois, 1855: 384; 259; $1,358,000; —.
Iliff School of Theology, Denver, Colorado, 1903: 127; 97; $513,000; 20,000.
Kimball School of Theology, Salem, Oregon, 1907: 130; 6; $65,000; 10,000.
Maclay College of Theology, Los Angeles, California, 1885: 10; —; $143,000; 34,000.
Nast Theological Seminary, Berea, Ohio, ——: —; —; —; 8,000.
Norwegian-Danish Theological Seminary, Evanston, Illinois, 1867: 28; 3; $41,000; 3,000.
Swedish Theological Seminary, Evanston, Illinois, 1882: 12; —; $160,000; 5,000.

METHODIST EPISCOPAL, SOUTH:
Candler School of Theology, Atlanta, Georgia, 1914: 120; 71; —; —.
Southern Methodist University School of Theology, Dallas, Texas, 1913: 128; 56; $212,000; —.

METHODIST PROTESTANT:
Kansas City University School of Theology, ——: —; —; —; —.
Westminster Theological Seminary, Westminster, Maryland, 1884: 26; —; $181,000; 3,000.

MORAVIAN CHURCH:
Moravian College and Theological Seminary, Bethlehem, Pennsylvania, 1863: 12; 8; —; —.

PRESBYTERIAN: ASSOCIATED REFORMED PRESBYTERIAN SYNOD:
Erskine Theological Seminary, Due West, South Carolina: 12; —; —; —.

PRESBYTERIAN, U. S.:
Austin Presbyterian Theological Seminary, Austin, Texas, 1902: 13; 6; $375,000; 7,000.
Columbia Theological Seminary, Columbia, South Carolina, 1828: 50; —; $469,000; —.
Presbyterian Theological Seminary of Kentucky, Louisville, Kentucky, 1854: 81; 35; $762,000; 21,000.
Union Theological Seminary, Richmond, Virginia, 1867: 127; 84; $1,875,000; —.

PRESBYTERIAN: CUMBERLAND PRESBYTERIAN:
Theological Seminary of the Cumberland Presbyterian Church, McKenzie, Tennessee, 1842: —; —; —; —.

PRESBYTERIAN, U. S. A.:
Auburn Theological Seminary, Auburn, New York, 1820: 48; 36; $1,565,000; 50,000.
Bloomfield Theological Seminary, Bloomfield, New Jersey, 1867: 78; —; $411,000; 6,000.
Dubuque Theological Seminary, Dubuque, Iowa, 1852: 10; —; —; —.
Lane Theological Seminary, Cincinnati, Ohio, 1829: 45; 15; $1,043,000; 23,000.
McCormick Theological Seminary, Chicago, Illinois, 1830: 143; 109; $2,794,000; 49,000.

Presbyterian Theological Seminary, Omaha, Nebraska, 1891: 31; 7; $389,000: 8,000.

Princeton Theological Seminary, Princeton, New Jersey, 1822: 215; 215; $4,055,000; 111,000.

San Francisco Theological Seminary, San Anselmo, California, 1871: 79; 50; $976,000; 21,000.

Western Theological Seminary, Pittsburgh, Pennsylvania, ——: 61; —; $1,366,000; 39,000.

PRESBYTERIAN: REFORMED PRESBYTERIAN CHURCH (Old School):

Reformed Presbyterian Theological Seminary, Pittsburgh, Pennsylvania, 1810: 5; 4; —; 5,000.

PRESBYTERIAN: REFORMED PRESBYTERIAN CHURCH, GENERAL SYNOD:

Reformed Presbyterian Theological Seminary, Cedarville, Ohio, 1856: 10; 8; $73,000; 1,000.

PRESBYTERIAN: UNITED PRESBYTERIAN:

Pittsburgh Theological Seminary, Pittsburgh, Pennsylvania, 1868: 86; —; $734,000; 15,000.

Xenia Theological Seminary, St. Louis, Missouri, 1877: 56; 27; $447,000; 12,000.

PROTESTANT EPISCOPAL:

Berkeley Divinity School, Middletown, Connecticut, 1854: 15; 8; $626,000; 30,000.

Church Divinity School of the Pacific, San Francisco, California, 1893: 8; 4; —; —.

College of St. John the Evangelist, Greeley, Colorado, 1911: 21; —; —; 4,000.

DeLancey Divinity School, Buffalo, New York, 1899: —; —; $107,000; —.

Divinity School of the Protestant Episcopal Church, Philadelphia, Pennsylvania, 1862: 50; 24; $955,000; —.

Episcopal Theological School, Cambridge, Massachusetts, 1867: 30; 27; $1,546,000; —.

General Theological Seminary, New York City, 1822: 126; 76; $4,761,000; —.

Kenyon College, Bexley Hall, Gambier, Ohio, 1824: 23; 15; $436,000; 11,000.

Nashotah House, Nashotah, Wisconsin, 1842: 20; —; —; —.

Protestant Episcopal Theological Seminary in Virginia, Alexandria, Virginia, 1823: 61; —; —; —.

Seabury Divinity School, Faribault, Minnesota, 1860: 23; —; $602,000; 25,000.

University of the South, Theological Department, Sewanee, Tennessee, 1878: 23; 4; —; —.

Western Theological Seminary, Chicago, Illinois, 1883: 15; —; $856,000; 23,000.

REFORMED EPISCOPAL:

Theological Seminary of the Reformed Episcopal Church, Philadelphia, Pennsylvania, 1887: 8; —; —; —.

CHRISTIAN REFORMED:

Theological School of the Christian Reformed Church (Calvin College), Grand Rapids, Michigan, 1876: 35; —; —; —.

REFORMED CHURCH IN AMERICA:

Theological Seminary of the Reformed Church in America, New Brunswick, New Jersey, 1784: 20; 17; $1,161,000; 56,000.

Western Theological Seminary, Holland, Michigan, 1869: 32; 31; $243,000; 15,000.

REFORMED CHURCH IN THE UNITED STATES:

Central Theological Seminary, Dayton, Ohio, 1850: 41; 32; $297,000; 11,000.

Mission House Theological Seminary, Plymouth, Wisconsin, 1868: 24; 21; —; —.

Reformed Church Theological Seminary, Lancaster, Pennsylvania, 1831: 37; 26; $798,000; —.

RUSSIAN ORTHODOX CHURCH:

Russian Holy Orthodox Greek Catholic Theological Seminary, Tenafly, New Jersey.

UNITARIAN:

Meadville Theological Seminary, Meadville, Pennsylvania, 1846: 12; 2; $1,079,000; 40,000.

Pacific Unitarian School for the Ministry, Berkeley, California, 1906: 12; 3; $513,000; 15,000.

UNIVERSALIST:

Canton Theological Seminary, Canton, New York, 1856: 21; 6; —; 4,000.

Crane Theological School, Tufts College, Massachusetts, 1852: 24; —; —; 3,000.

Ryder Divinity School, Chicago, Illinois, 1851: 5; —; $100,000; —.

UNDENOMINATIONAL:

Biblical Seminary in New York, New York, New York, 1900: 352; 188; —; —.

Gordon College of Theology and Missions, Boston, Massachusetts, 1889: 213; 19; $399,000; 25,000.

Harvard Theological School, Cambridge, Massachusetts, 1819: 53; 48; —; —.

Temple University School of Theology, Philadelphia, Pennsylvania, 1888: 48; 6; —; —.

Union Theological Seminary, New York, New York, 1839: 295; 295; $8,572,000; 200,000.

Vanderbilt University School of Religion, Nashville, Tennessee, 1875: 41; 25; —; —.

CHAPTER VI

GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

PHILOSOPHY. PSYCHOLOGY. EDUCATION. RELIGION. FINE ARTS. ANTHROPOLOGY. ECONOMICS. HISTORY. POLITICAL SCIENCE. SOCIOLOGY. LANGUAGES AND LITERATURES. MATHEMATICS. ASTRONOMY AND ASTROPHYSICS. PHYSICS. CHEMISTRY. GEOLOGY. GEOGRAPHY. BIOLOGICAL SCIENCES. MEDICAL SCIENCES

The presentation of the opportunities for graduate study in the United States should include all of the best graduate schools. Which are they? Criteria have been established for the evaluation of colleges and of most of the professional schools. There has been as yet no thorough study of the graduate schools of the United States. Graduate study and research of the highest quality may be pursued in institutions like California Institute of Technology and Massachusetts Institute of Technology, not members of the Association of American Universities. The American Council on Education, however, finds it impossible to classify graduate schools, and resorts to the plan of limiting this chapter to a consideration of the graduate schools in the Association of American Universities, referring to the exhibits in Part II for the resources of other institutions.

The North Central Association of Schools and Colleges has requested a study of graduate schools. A member of that association, R. M. Hughes, while President of Miami University, Oxford, Ohio, in 1924, completed a study of American graduate schools which he presented before the Association of American Colleges in January, 1925. President Hughes, moved by a desire to learn which were the best graduate schools so that he, as a college executive might resort to them for members of his teaching staff, and might know where to send his own graduates, conferred with representatives of twenty fields of instruction in Miami University and prepared a list of graduate schools. This included the members of the Association of American Universities and two Canadian universities (McGill and Toronto) and ten additional American institutions: Bryn Mawr, California Institute of Technology, University of Cincinnati, University of Colorado, Massachusetts Institute of Technology, New York University, University of Pittsburgh, Rice Institute, University of Texas, University of Washington. He then requested each Miami professor to submit a list of from forty to sixty men who were teaching his subject in universities and colleges, at least half of the names on the list to be those of professors in colleges rather than in universities, geographical distribution also to be considered. The men thus selected were invited to express their opinion of the ranking (1, 2, 3, 4 or 5) of the graduate schools in their special fields. Many ranked several institutions as 1, several as 2, etc. Taking the returns, which came from about half of those addressed, the members of the Miami faculty then tabulated the ratings, allowing 4 units for a first place, 3 for a second, 2 for a third, and one for a fourth or fifth. The institutions were then arranged in order of the added units or combined ratings. In his report President Hughes gave the names of those who submitted ratings and the details with respect to the number of times each institution was rated 1, 2, 3, 4 or 5. He also gave the departmental personnel of each institution rated.

The ratings of institutions in his study were as follows:

Astronomy: California, Chicago, Michigan, Princeton, Yale, Harvard, Northwestern, Wisconsin.

Botany: Chicago, Columbia, Harvard, Cornell, Wisconsin, Michigan, Johns Hopkins, Minnesota, Illinois, California, Ohio State, Stanford, Pennsylvania, Yale, Missouri, Nebraska. (The Shaw School of Botany of Washington University and the Missouri Botanical Garden were noted by four men as one of the best graduate schools of Botany.)

Chemistry: Harvard, California, Massachusetts Institute of Technology, Chicago, Yale, Cornell, California Institute of Technology, Princeton, Illinois, Johns Hopkins, Columbia, Michigan, Wisconsin, Ohio State, Stanford, Pennsylvania, Minnesota, Cincinnati, Pittsburgh, Northwestern, Iowa, Kansas, Nebraska.

Classics: Harvard, Princeton, Chicago, Hopkins, Pennsylvania, Columbia, Michigan, Yale, California, Illinois, Wisconsin, Bryn Mawr, Cornell, Northwestern, Iowa.

Economics: Harvard, Columbia, Chicago, Wisconsin, Yale, Johns Hopkins, Michigan, Pennsylvania, Illinois, Cornell, Princeton, California, Minnesota, Northwestern, Stanford, Ohio State.

Education: Columbia, Chicago, Harvard, Stanford, New York, Iowa, Minnesota, Ohio State, Michigan, Yale, Pennsylvania, Wisconsin, California, Illinois, Cornell Johns Hopkins, Indiana, Pittsburgh, Cincinnati.

English: Harvard, Columbia, Yale, Chicago, Princeton, Cornell, Bryn Mawr, Johns Hopkins, North Carolina, Pennsylvania, Illinois, Stanford, Wisconsin, California, Michigan, Iowa, Texas.

French: Chicago, Harvard, Columbia, Princeton, Johns Hopkins, California, Wisconsin, Pennsylvania, Michigan, Yale, Cornell, Minnesota, Illinois, Bryn Mawr, Ohio State, Stanford.

Geography: Chicago, Clark, Wisconsin, Columbia, Harvard, Michigan, California, Yale.

Geology: Chicago, Yale, Columbia, Harvard, Wisconsin, Johns Hopkins, Stanford, California, Massachusetts Institute of Technology, Cornell, Princeton, Minnesota, Michigan, Illinois, Iowa, Ohio State.

German: Wisconsin, Harvard, Columbia, Johns Hopkins, Chicago, Illinois, Yale, Michigan, Cornell, Northwestern, Byrn Mawr, Princeton, California, Pennsylvania, Ohio State, Minnesota, Indiana, Stanford.

Government:—Political Science: Harvard, Chicago, Columbia, Wisconsin, Illinois, Michigan, Princeton, Johns Hopkins, Iowa, Pennsylvania, California.

History: Harvard, Columbia, Chicago, Yale, Cornell, Wisconsin, Pennsylvania, Michigan, California, Princeton, Illinois, Minnesota, Johns Hopkins, Iowa, Bryn Mawr, Indiana, Stanford, Texas, Ohio State, Kansas, Nebraska, Northwestern, Missouri.

Mathematics: Chicago, Harvard, Princeton, Illinois, Columbia, Cornell, Yale, Wisconsin, Johns Hopkins, Michigan, California, Pennsylvania, Minnesota.

Philosophy: Harvard, Columbia, Chicago, Cornell, Yale, Princeton, Johns Hopkins, California, Michigan, Pennsylvania, Wisconsin, Ohio State, Bryn Mawr, Minnesota, Northwestern, Illinois, Iowa, Nebraska.

Physics: Chicago, Harvard, California Institute of Technology, Princeton, Yale, Columbia, Wisconsin, Johns Hopkins, Michigan, Cornell, Minnesota, California, Stanford, Massachusetts Institute of Technology, Iowa.

Psychology: Columbia, Harvard, Chicago, Cornell, Johns Hopkins, Iowa, Stanford, Michigan, Princeton, Ohio State, Yale, Illinois, Minnesota, Wisconsin, Clark, Pennsylvania, California, Northwestern, Pittsburgh.

Sociology: Chicago, Columbia, Wisconsin, Michigan, Harvard, Missouri, Pennsylvania, North Carolina, Yale, Illinois, Ohio State, Cornell, Bryn Mawr.

Spanish: Chicago, Harvard, California, Columbia, Princeton, Pennsylvania, Yale, Illinois, Johns Hopkins, Cornell, Michigan, Stanford, Wisconsin, Minnesota, Ohio State, Bryn Mawr.

Zoology: Columbia, Chicago, Harvard, Yale, Johns Hopkins, Princeton, Illinois, Michigan, Wisconsin, California, Cornell, Stanford, Bryn Mawr, Ohio State, Missouri, Minnesota, Indiana, Texas.

It is interesting to observe that President Hughes found that the professors who rated institutions were not always fully confident

that they knew all the facts. This volume affords information not conveniently accessible to those who expressed their opinions to President Hughes. It would be interesting to have the same persons on the basis of the exhibits herein presented make another rating of the graduate schools. Of course, even if all these facts had been available in 1924, a list made up under the same conditions in 1927 would probably differ from the earlier one. A full objective presentation of pertinent facts will enable any one to rank graduate schools to his own satisfaction.

These exhibits have been prepared with the assistance of the deans of the graduate schools. If space had permitted there would have been included additional information: Each professor's training and experience, references to *Who's Who* and *American Men of Science*, significant publications and honors; courses offered; number of graduate students in each department; number of doctorates and Master's degrees conferred during a given period. Originally it was intended that each institution present only the exceptionally great opportunities which it offered. Only a few administrative officers were willing to differentiate among the departments in their jurisdiction. Generally, each graduate school has presented all of its departments. There has been little elimination of material offered except that inasmuch as the exhibit is one of Graduate Schools of Arts, Literature, and Science, graduate work in professional and technological schools has not generally been included. The departments are presented in the following order, which approximates that generally found in those institutions which do not use an alphabetical arrangement but choose to group the humanities and sciences:

Philosophy.
Psychology.
Education.
Religion.
Fine Arts.
Anthropology.
Economics.
History.
Political Science.
Sociology.
Languages and Literatures.
Mathematics, Astronomy and Astrophysics, Physics, and Chemistry.
Geology and Geography.
Biological Sciences.
Medical Sciences.

Under each departmental heading appears a cumulative list of the subdivisions of each subject mentioned in the university exhibits which follow in alphabetical order as in Part II. Typically an exhibit includes reference to departmental buildings, laboratories, special equipment, general and departmental libraries and special collections, other resources in the community, learned journals published or edited by members of the staff and a list of the latter. The name of each member of the department is followed by his highest degree in course, and in parenthesis the name of the institution which conferred this degree; professorial rank; special field of research and instruction. Occasionally there is mention of editorial relationship to departmental periodicals.

PHILOSOPHY

Æsthetics, Cosmology, Ethics, Greek Philosophy, History of Philosophy, Logic, Metaphysics, Methodology, Philosophical Realism, Philosophy of Education, Philosophy of Religion, Philosophy of Science, Political Philosophy, Social and Political Ethics, Systematic Philosophy.

Note that in some institutions (Kansas and Yale) Psychology is included in the department of Philosophy.

The Catholic University of America

Departmental library, 6,500 volumes. "The New Scholasticism," I (1927).

H. I. Smith, Ph.D. (Catholic University); Scholastic Philosophy.

D. A. MacLean, Ph.D. (Catholic University); Ethics.

J. H. Ryan, Ph.D. (Roman Academy); Scholastic Philosophy.

J. J. Rolbiecki, Ph.D. (Catholic University); History of Philosophy.

C. A. Hart, A.M. (St. Viator College); Logic.

F. A. Walsh, Ph.D. (St. Xavier's University, Cincinnati).

E. A. Pace, Ph.D. (Leipzig); Cosmology; Philosophy of Mind.

Columbia University

Departmental collections, 23,000 volumes. Butler Library, 5,800 volumes.

"Journal of Philosophy," I–XXIV (1903–27) (formerly "Journal of Philosophy, Psychology, and Scientific Method"). "Archives of Philosophy," I–XIV.

F. J. Woodbridge, A.M. (Amherst); History of Philosophy, Metaphysics, Logic, Philosophy of Science.

F. Adler, Ph.D. (Berlin); Social and Political Ethics.

J. Dewey, Ph.D. (Johns Hopkins); Logic; Political Philosophy; Ethics; Philosophy of Education.

W. P. Montague, Ph.D. (Harvard); Methodology; Cosmology; Philosophy of Science; Philosophical Realism.

J. J. Coss, A.M. (Columbia); Ethics.

A. L. Jones, Ph.D. (Columbia); Logic.

W. T. Bush, Ph.D. (Columbia); Greek Philosophy; Philosophy of Religion.

H. W. Schneider, Ph.D. (Columbia); Political Philosophy; American Philosophy.

Helen H. Parkhurst, Ph.D. (Bryn Mawr); Æsthetics; Philosophical Realism.

I. Edman, Ph.D. (Columbia); Philosophy of Art; Philosophical Idealism.

J. H. Randall, Jr., Ph.D. (Columbia); History of Philosophy; History of Thought.

H. L. Friess, Ph.D. (Columbia); Philosophy of Religion; German Philosophy.

C. Clifford; Scholastic Philosophy.

W. F. Cooley, Ph.D. (Columbia); Ethics.

T. Munro, Ph.D. (Columbia); Æsthetics.

R. McKeon, élève, Ecole des Hautes Etudes Religieuses; Mediæval Philosophy.

Cornell University

F. Thilly.

W. A. Hammond.

E. Albee.

H. R. Smart.

E. T. Paine.

Johns Hopkins University

Departmental library, 6,000 volumes.

A. O. Lovejoy, A.M. (Harvard).

G. Boas, Ph.D. (California).

Northwestern University

Departmental library, 6,500 volumes.

E. L. Schaub, Ph.D. (Cornell); Editor of "The Monist." Contemporary Philosophy and Philosophy of Religion.

S. G. Martin, Ph.D. (Pennsylvania); History of Philosophy.

Ohio State University

J. A. Leighton, Ph.D. (Cornell), Professor; Systematic Philosophy.

G. H. Sabine, Ph.D. (Cornell), Professor; The History of Political Philosophy.

A. R. Chandler, Ph.D. (Harvard), Professor; Æsthetics.

A. E. Avey, Ph.D. (Yale), Professor.

Princeton University

University library, 600,000 volumes. Princeton Theological Seminary Library, 115,000 volumes, available. Departmental periodicals: 27.

"Princeton Contributions to Philosophy," I–IV (1898–1905).

See: Mathematics, Classics, Politics, Physics, Psychology.

R. B. C. Johnson, Ph.D. (Princeton); Idealistic Metaphysics and Philosophy of Religion.

E. G. Spaulding, Ph.D. (Bonn); Systematic Philosophy and Philosophy of Science.

W. Fite, Ph.D. (Pennsylvania); Ethics and Metaphysics.

H. C. Longwell, Ph.D. (Strassburg); Medieval Philosophy.

G. T. Whitney, Ph.D. (Cornell); Systematic Philosophy.

R. M. Scoon, Ph.D. (Columbia); Greek Philosophy and Philosophy of Religion.

C. W. Hendel, Ph.D. (Princeton); Ethics and History of Philosophy.

T. M. Greene, Ph.D. (Edinburgh); Ethical and Religious Values.

P. E. More, A.M. (Harvard); Greek Philosophy and Theology.

University of California

Departmental library, 6,500 volumes. "Philosophy," I–VII (1904–1925).

G. P. Adams, Ph.D. (Harvard), Professor.

J. Lowenberg, Ph.D. (Harvard), Professor.

W. R. Dennes, Ph.D. (Oxford), Assistant Professor.

S. C. Pepper, Ph.D. (Harvard), Assistant Professor.

D. W. Prall, Ph.D. (California), Assistant Professor.

H. W. Stuart, Ph.D. (Chicago); Social Philosophy.

H. C. Brown, Ph.D. (Harvard); Metaphysics and Philosophy of Science.

L. Wood, Ph.D. (Cornell); History of Philosophy.

University of Chicago

Departmental library, 10,600 volumes. Supplemented by collections in Theology, Comparative Religion, Sanskrit, Classical Literatures, Modern Literatures, Psychology, History and the Social Sciences.

"International Journal of Ethics," edited by Department since 1914. Quarterly, I–XII, 1893–1926.

E. S. Ames, Ph.D. (Chicago); Philosophy and Psychology of Religion.

G. H. Mead, A.B. (Oberlin and Harvard); Social Psychology; Philosophy of Scientific Conceptions.

A. W. Moore, Ph.D. (Chicago); Logic and Metaphysics.

J. H. Tufts, Ph.D. (Freiburg, Baden); Ethics, History of Philosophy.

E. A. Burtt, Ph.D. (Columbia); History of Philosophy.

T. V. Smith, Ph.D. (Chicago); Ethics, Political Philosophy.

University of Illinois

Library of Philosophy, Psychology and Education: 16,000 volumes.

M. T. McClure, Ph.D. (Columbia), Professor; Early Greek Philosophy and Contemporary Philosophy; German Idealism.

A. H. Daniels, Ph.D. (Clark), (Dean of Graduate School), Professor; Seventeenth Century Continental Thought.

S. P. Lamprecht, Ph.D. (Columbia), Associate Professor; British Philosophy.

University of Kansas

PHILOSOPHY AND PSYCHOLOGY

E. H. Hollands, Ph.D. (Cornell); Systematic Philosophy; Theory of Knowledge; History of Philosophy; Philosophy of Religion.

O. Templin, A.M. (Kansas); Logic; Ethics; Æsthetics.

R. H. Wheeler, Ph.D. (Clark); Systematic Psychology; Learning and Higher Thought Processes; Synæsthesia and Psychology of the Blind.

C. Rosenow, Ph.D. (Chicago); Abnormal Psychology; Statistics; General Theory of Psychology.

H. Helson, Ph.D. (Harvard); Systematic and Experimental Psychology.

Beulah Morrison, Ph.D. (California); Applied and Vocational Psychology; Psychology of Feelings; History of Psychology.

University of Michigan

Morris Philosophical Library: English and American Philosophy; German Idealistic Movement; French Philosophy since 1900.

D. H. Parker, Ph.D. (Harvard); Æsthetics; Logic; Plato and Aristotle.

R. W. Sellars, Ph.D. (Michigan); Metaphysics; Theory of Knowledge; Logic.

C. B. Vibbert, A.B. (Michigan); Logic; Contemporary Metaphysics; Modern French Philosophy.

R. M. Wenley, D. Phil. (Glasgow); Philosophy of Religion; Ethics; History of Modern Philosophy.

University of Minnesota

N. Wilde, Ph.D. (Columbia).

D. F. Swenson, B.S. (Minnesota).

G. P. Conger, Ph.D. (Columbia).

University of Missouri

Professor William Benjamin Smith Collection.

J. W. Hudson, Ph.D. (Harvard); Ethical Theory.

G. R. Morrow, Ph.D. (Cornell); Greek Philosophy.

University of Nebraska

Philosophy and Psychology department of University Library includes files of nearly all the leading periodicals, collections for Metaphysics, Ethics, Psychology, Æsthetics, and History, and a varied collection for Comparative Religion, Christian Theology, Oriental Thought, and American Indian. William Romaine Newbold Collection of rare works in Classical, Mediæval, and Renaissance Philosophy. Special collections: William of Occam, Roger Bacon, and Descartes.

Laboratory equipped for Psychophysics, Neurology, Clinical Psychology. "University of Nebraska Studies."

H. B. Alexander, Ph.D. (Columbia); History of Philosophy; Æsthetics.

E. L. Hinman, Ph.D. (Cornell); Metaphysics; Ethics.

Winifred Hyde, Ph.D. (Jena); Psychology; Æsthetics.

Zora Schaupp, Ph.D. (Bryn Mawr); Psychology; History of Philosophy.

C. H. Patterson, Ph.D. (Nebraska); Logic; Religion.

W. H. Werkmeister, Ph.D. (Nebraska); Philosophy of Science.

University of North Carolina

H. H. Williams, A.M. (North Carolina), B.D. (Yale); Logic.

E. Wind, Ph.D. (Hamburg); Æsthetics.

University of Pennsylvania

E. A. Singer, Jr., Ph.D. (Pennsylvania), Professor; Philosophy of Science.

L. W. Flaccus, Ph.D. (Harvard), Professor; Ethics; Æsthetics.

I. Husik, Ph.D. (Pennsylvania), Professor; Mediæval Philosophy.

H. B. Smith, Ph.D. (Pennsylvania), Professor; Mathematical Logic; History of Philosophy.

University of Virginia

Departmental library, 5,000 volumes. McKeldin Collection.

A. Lefevre, Ph.D. (Cornell).

A. G. A. Balz, Ph.D. (Virginia).

W. S. A. Pott, Ph.D. (Virginia).

University of Wisconsin

F. C. Sharp, Ph.D. (Berlin); Ethics.

M. C. Otto, Ph.D. (Wisconsin); Logic.

J. Jastrow, Ph.D. (Johns Hopkins); Psychology of Emotions, and Abnormal Psychology.

A. Meiklejohn, Ph.D. (Cornell); Kant.

E. B. McGilvary, Ph.D. (California); Metaphysics.

C. L. Hull, Ph.D. (Wisconsin); Experimental Psychology.

Washington University

Departmental library, 3,500 volumes. "University of Washington Studies."

C. E. Cory, Ph.D. (Yale); Modern Metaphysical Theories.

G. R. Dodson, Ph.D. (Harvard); Greek Philosophy.

L. P. Chambers, Ph.D. (Harvard); Ethical and Religious Problems.

Yale University

Philosophy and Psychology

Kent Hall. Equipment: $9,000.

The Laboratory of the Institute of Psychology is equipped with instruments for recording human and infrahuman reactions, including reflexes.

Departmental library, 800 in Psychological Laboratory. University Library has 14,850 volumes related to this department including the Healy Philosophical Library

Trowbridge Reference Library, Sneath Library of Religious Education and Day Missions Library.

R. P. Angier, Ph.D. (Harvard), Professor of Psychology; Director of the Psychological Laboratory, and Chairman of the Institute of Psychology; Psychology and Physiology of Vision.

C. M. Bakewell, Ph.D. (Harvard), Sheldon Clark Professor of Philosophy; History of Philosophy.

C. A. A. Bennett, Ph.D. (Yale), Professor

of Philosophy; Philosophy of Religion and Ethics.

D. C. Macintosh, Ph.D. (Chicago), Dwight Professor of Theology; Philosophy of Religion, and Contemporary Theology.

W. H. Sheldon, Ph.D. (Harvard), Professor of Philosophy; Metaphysics.

L. A. Weigle, Ph.D. (Yale), Sterling Professor of Religious Education; Librarian of the Richard S. Sneath Memorial Library; Religious Education.

R. L. Calhoun, Ph.D. (Yale), Assistant Professor of Historical Theology; Historical Theology.

F. S. C. Northrop, Ph.D. (Harvard), Assistant Professor of Philosophy; Logic.

L. T. Spencer, Ph.D. (Yale), Assistant Professor Psychology; Experimental Psychology.

E. S. Robinson, Ph.D. (Chicago), Professor of Psychology; Experimental and Theoretical Psychology.

The Institute of Psychology (Affiliated with the Department of Philosophy and Psychology):

R. Dodge, Ph.D. (Halle), Professor of Psychology in the Institute of Psychology; Reading; Vision; Effects of Alcohol; The Reflexes; Fatigue; Refractory Phase and Inhibition.

A. Gesell, Ph.D. (Clark), M.D. (Yale); Professor of Chiid Hygiene; Child Psychology; Mental Surveys.

C. Wissler, Ph.D. (Columbia), Professor of Anthropology in the Institute of Psychology; Correlation of Mental and Physical Tests; the Development of Culture and the Culture Area.

R. M. Yerkes, Ph.D. (Harvard), Professor of Psychology in the Institute of Psychology; Comparative and Genetic Psychology.

H. C. Bingham, Ph.D. (Johns Hopkins), Research Associate in the Institute of Psychology; Animal Behaviour; Intelligence Measurements.

A. H. Ruggles, M.A. (Dartmouth), M.D. (Harvard), Consultant in Mental Hygiene to the department of University Health, and Lecturer in Psychiatry, School of Medicine; Psychiatry.

PSYCHOLOGY

Abnormal Psychology, Animal Psychology, Applied Psychology, Child Psychology, Clinical Psychology, Comparative Psychology, Criminal Psychology, Experimental Psychology, Genetic Psychology, Industrial Psychology, Learning, Mental Hygiene, Mental Measurements, Mental Tests, Neuroanatomy, Physiological Psychology, Psychiatry, Psychology of Advertising, Psychology of Language, Psychology of Music, Psychology of Religion, Psychotherapy, Social Psychology, Vocational Psychology.

See also Philosophy; Education.

The Catholic University of America

Departmental library, 3,000 volumes.

"Psychological Studies," I–VII (1919–1922). "Studies in Psychology and Psychiatry," I (1926–).

T. V. Moore, Ph.D. (Catholic University), M.D. (Johns Hopkins), Psychiatry.

J. A. Haldi, Ph.D. (Cincinnati); Physiological Psychology.

C. J. Connolly, Ph.D. (Munich); Central Nervous System.

R. T. Rock, A.M. (Catholic University); Mental Measurements.

Clark University

Departmental Collections, 20,000 volumes. G. Stanley Hall Memorial Room, 5,000 volumes.

Main Building (1887), 17 rooms. Equipment, $25,000. Special Equipment for research in Experimental Psychology; Animal Behavior.

"The Pedagogical Seminary and Journal of Genetic Psychology." Editor, Carl Murchison. I–XXXIII (1891). "Genetic Psychology Monographs." Bi-monthly; Editor, Carl Murchison. I–II (1925–). Journals edited from the Department of Psychology, Clark University, but not owned by the University. "Comparative Psychology Monographs," Edited by Walter S. Hunter. "Psychological Index," Edited by Walter S. Hunter. "Psychological Abstracts," Edited by Walter S. Hunter.

C. Murchison, Ph.D. (Hopkins); Social and Differential Psychology.

W. S. Hunter, Ph.D. (Chicago); Genetic and Animal Psychology.

J. P. Nafe, Ph.D. (Cornell); Experimental Psychology.

V. A. Jones, Ph.D. (Columbia); Educational Psychology.

Columbia University

Laboratory in Physics Building (1926). Cost, $1,500,000. Equipment, $10,000. Equipment for study of reaction time, animal motivation and learning. Use of a plant and equipment for the study of child development for a period of three years, including running expenses, valued at approximately $10,000 a year.

Departmental reading-room, 3,455 volumes. Psychological division of general library, 3,550 volumes. Special collection at New York Academy of Medicine. Special collection at College of Physicians and Surgeons.

"Archives of Psychology" (1905–1926). First volume appeared under name of "Archives of Philosophy, Psychology and Scientific Methods." The publication consists of reports on a series of 86 researches.

For Educational Psychology see Teachers College under Education.

R. S. Woodworth, Ph.D. (Columbia); Experimental Psychology.

J. Dewey, Ph.D. (Hopkins); Social and Educational Psychology.

H. L. Hollingworth, Ph.D. (Columbia); Theoretical Psychology; Abnormal Psychology.

A. T. Poffenberger, Ph.D. (Columbia); Applied Psychology.

H. E. Garrett, Ph.D. (Columbia); Experimental Psychology and Statistics.

H. E. Jones, Ph.D. (Columbia); Experimental and Child Psychology.

C. I. Lambert, M.D. (Iowa); Psychotherapy; Mental Hygiene.

F. Tilney, M.D. (Long Island College Medical School); Neuroanatomy.

C. J. Warden, Ph.D. (Chicago); Animal Psychology.

G. Murphy, Ph.D. (Columbia); History of Psychology and Psychology of Religion.

J. L. Holmes, Ph.D. (Columbia); Criminal Psychology.

Christine Ladd-Franklin, Ph.D. (Hopkins); Psychology of Color Vision.

H. C. Link, Ph.D. (Yale); Vocational and Industrial Psychology.

Louise E. Poull, Ph.D. (Columbia); Clinical Psychology.

Cornell University

E. B. Titchener.

H. P. Weld.

K. M. Dallenbach.

L. B. Hoisington.

Indiana University

The Indiana Laboratory was the second Psychological Laboratory established in the United States. Complete files of all Psychology and Philosophy journals available.

The Psychological Laboratory in Science Hall occupies 16 rooms especially designed.

W. F. Book is joint editor of the "Journal of Applied Psychology," published by Indiana and Ohio State Universities.

Opportunities are provided to do clinical work and mental testing in connection with Public Schools of Bloomington and other cities of the State.

Psychological clinic at Bloomington and at Indianapolis. Mental testing and clinical work for Riley Memorial Hospital at Indianapolis. Out-patient clinic at the hospital, to which children from all parts of the State are brought for psychological examination. This clinic has advantage of expert medical service and of a social service department.

W. E. Book, Ph.D. (Clark), Editor of Journal of "Applied Psychology," Psychology of Learning and Mental Tests.

G. S. Snoddy, M.D. and Ph.D. (Clark); General and Physiological Psychology; Fatigue, Stability, and Learning.

J. R. Kantor, Ph.D. (Chicago); Social Psychology; Psychology of Language.

H. H. Young, Ph.D. (Pennsylvania); Clinical Psychology; Mental Measurements.

T. L. Nicholson, Ph.D. (Indiana); Experimental Psychology.

L. Crawley, Ph.D. (Columbia); Fatigue Problems and General Psychology.

E. L. Yeager, Ph.D. (Columbia); Vocational Psychology; Personal Problems of Students.

D. R. Major, Ph.D. (Cornell); General and Genetic Psychology.

Johns Hopkins University

Main Laboratory, four-story building. Child Institute, three-story building, connected with main building. Ample grounds, for outdoor work with children on one side, and for animals on the other.

Equipment $35,000. Equipment for vestibular research for measurement of electric currents from nerve and muscle, for time measurement of mental and motor processes, for photographic records of movements and expression, for psychology of music, learning.

Departmental library, 2,500 volumes. In other departmental libraries at least an equal number of volumes.

Edited from the department: "Journal of Comparative Psychology," "Mental Measurements Monographs"; "Psychology Classics" (a series of translations and reprints).

K. Dunlap, Ph.D. (Harvard), Professor of Experimental Psychology; Experimental and Social Psychology.

B. Johnson, Ph.D. (Johns Hopkins), Professor of Psychology; Child Psychology and Mental Measurements.

S. Isaacs, A.M. (Cincinnati), Associate in Psychology; Experimental and Business Psychology.

R. M. Dorcus, Ph.D. (Johns Hopkins), Instructor in Psychology; Experimental and Abnormal Psychology.

Northwestern University

W. D. Scott, Ph.D. (Leipzig), Professor of Psychology of Advertising.

A. R. Gilliland, Ph.D. (Chicago); The Measurement of Character Traits; Experimental Psychology.

D. T. Howard, Ph.D. (Cornell); College Personnel Problems.

J. J. B. Morgan, Ph.D. (Columbia); Clinical and Abnormal Psychology.

Esther Gatewood, Ph.D. (Ohio State); Music and Experimental Æsthetics.

Ohio State University

G. F. Arps, Ph.D. (Leipzig), Professor; Psychology.

H. H. Goddard, Ph.D. (Clark), Professor; Clinical and Abnormal Psychology.

A. P. Weiss, Ph.D. (Missouri), Professor; Experimental and Theoretical Psychology.

H. E. Burtt, Ph.D. (Harvard), Professor; Industrial, Vocational, and Advertising Psychology; Tests.

S. L. Pressey, Ph.D. (Harvard), Professor; Educational Abnormal, Clinical Psychology; and Tests.

H. A. Toops, Ph.D. (Columbia), Professor; University Educational and Vocational Statistics; Tests.

F. N. Maxfield, Ph.D. (Pennsylvania), Professor; Clinical and Educational Psychology.

Princeton University

Eno Hall (1924) especially equipped and used exclusively for experimental psychology; cost, $150,000. For complete description of laboratory, see "Princeton Psychological Laboratory," by H. S. Langfeld in the "Journal of Experimental Psychology," IX, June, 1926.

Departmental library, 2,016 volumes: Periodicals, 60.

H. C. Warren, Ph.D. (Johns Hopkins), Professor; Theoretical Psychology.

H. S. Langfeld, Ph.D. (Berlin), Professor, Managing Editor of "Psychological Review" publications; Experimental Psychology.

H. C. McComas, Ph.D. (Harvard), Associate Professor; Social Psychology.

C. C. Brigham, Ph.D. (Princeton), Associate Professor; Mental Measurement.

L. Carmichael, Ph.D. (Harvard), Assistant Professor; Experimental Psychology.

H. A. Cotton, M.D. (Maryland); Psychiatry.

W. S. Hulin, Ph.D. (Princeton); Experimental Psychology.

Stanford University

Psychological laboratory (1905), thirty rooms, most of which are small, suited to individual research by graduate students. Departmental library and office. Desk space for twenty graduate students; one statistical and computing room; two dark rooms. Equipment, $18,000.

Special equipment: Eye movement recording outfit for studying reading; string galvanometer for heart work and reflexes; metabolism outfit. Motor pursuit outfit for studying and measurement of serial reaction; motor test equipment for study of motor skill and handedness problems; chronometer outfits for measurement of reactions and associations; computing machines and correlation machine; various mazes for animals and mazes for work with human beings, psychology of music.

Departmental collection, 4,000 volumes. Special collection of books and papers relating to psychical research.

"Genetic Studies of Genius," Volume I, Mental and Physical Traits of a Thousand Gifted Children, 1925, Lewis M. Terman; Volume II, Early Mental Development of 300 Geniuses, Catharine M. Cox, 1926.

L. M. Terman, Ph.D. (Clark); Educational Psychology and Mental Tests.

W. R. Miles, Ph.D. (Iowa); Physiological and Experimental Psychology.

E. K. Strong, Ph.D. (Columbia); Industrial Psychology.

C. P. Stone, Ph.D. (Minnesota); Animal Behavior and Abnormal Psychology.

J. E. Coover, Ph.D. (Stanford); Experimental Psychology; Statistics, Psychical Research.

T. L. Kelley, Ph.G. (Columbia); Mental Tests and Statistical Methods.

Maud A. Merrill, Ph.D. (Stanford); Clinical Psychology.

P. R. Farnsworth, Ph.D. (Ohio State); General Psychology, Experimental Psychology and Psychology of Art.

University of California

"Psychology," I–III (1910–1925).

W. Brown, Ph.D. (Columbia), Professor.

G. M. Stratton, Ph.D. (Leipzig), Professor.

Olga L. Bridgman (California), Associate Professor.

E. C. Tolman, Ph.D. (Harvard), Associate Professor.

University of Chicago

Laboratory, 3-story building; equipment, $10,000. Animal laboratory.

Departmental library, 5,000 volumes.

"University of Chicago Studies in Psychology," I–XIII (1896–1925).

H. A. Carr, Ph.D. (Chicago); Comparative, Experimental; Theoretical.

L. L. Thurstone, Ph.D. (Chicago); Tests; Statistics; Personality.

F. A. Kingsbury, Ph.D. (Chicago); Tests; Applied; Historical.

E. S. Robinson, Ph.D. (Chicago); Experimental.

A. W. Kornhauser, Ph.D. (Chicago); Applied; Personnel.

University of Illinois

M. Bentley, Ph.D. (Cornell), Professor; Editor "Psychological Index," 1924; Editor "Journal of Experimental Psychology."

University of Iowa

"Studies in Psychology," C. E. Seashore, Editor.

C. E. Seashore, Ph.D. (Yale), Professor; Philosophy and Psychology.

F. B. Knight, Ph.D. (Columbia), Professor.

C. A. Rucknick, Ph.D. (Cornell), Professor.

B. T. Baldwin, Ph.D. (Harvard), Professor; Educational Psychology.

University of Kansas

See Philosophy.

University of Michigan

Forty rooms in the Natural Science Building (1914); ten rooms in Pharmacology Building (1860). The former a special maze

room, a sound-proof room, six dark rooms, four of them large and interconnected, with the possibility of lighting by sky-lights. The rooms in the Pharmacology Building are used for applied psychology. The university machine and instrument shops build new equipment as required.

Departmental library, 750 volumes; periodicals, 510 volumes.

See also Economics.

W. B. Pillsbury, Ph.D. (Cornell); Theoretical and Experimental Psychology.

J. F. Shepard, Ph.D. (Michigan); Comparative and Experimental Psychology.

H. F. Adams, Ph.D. (Chicago); Business Psychology (particularly advertising), and Personality.

C. H. Griffitts, Ph.D. (Michigan); Experimental Psychology and Statistical Methods of Studying Individual Differences.

A. Ford, Ph.D. (Michigan); Experimental Psychology; Psychology of Management.

Martha Guernsey, Ph.D. (Michigan); Experimental and Genetic Psychology.

C. R. Brown, A.M. (Kansas); Experimental Psychology, especially sound and color, and statistics.

PSYCHIATRY

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Departmental library, 4,000 volumes.

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F. E. Long, Ed.M. (Harvard); Secondary Education.

S. C. Gribble, Ph.D. (Iowa); Elementary Education.

T. J. Lentz, Ph.D. (Columbia); Mental and Educational Testing.

Yale University

Departmental library, 1,881 volumes; 56 current educational periodicals. University Library has about 50,000 volumes and

pamphlets on Education, and 30,000 college catalogues in the James H. Penniman Memorial Library of Education.

The Richard Sheldon Sneath Library of Religious Education, in the Divinity School, contains 2,716 volumes on Church School, Young Men's Christian Association, etc.

A. Gesell, Ph.D. (Clark), M.D. (Yale), Professor of Child Hygiene; Child Psychology; Mental Surveys.

V. A. C. Henmon, Ph.D. (Columbia), Professor of Educational Psychology; Educational Psychology.

R. S. Smith, Ph.D. (Yale), Horace Bushnell Professor of Christian Nurture; Religious Education.

F. E. Spaulding, Ph.D. (Leipzig), Sterling Professor of Education; School Administration.

L. A. Weigle, Ph.D. (Yale), Sterling Professor of Religious Education; Religious Education.

Bessie L. Gambrill, Ph.D. (Columbia), Associate Professor of Elementary Education; Elementary Education.

R. L. Calhoun, Ph.D. (Yale), Assistant Professor of Historical Theology; Historical Theology.

C. M. Hill, Ph.D. (Columbia), Associate Professor of Secondary Education; Secondary Education.

D. C. Knowlton, Ph.D. (Cornell), Assistant Professor of Visual Instruction; Visual Aids in History Teaching.

RELIGION

Comparative Religions, History of Religion, Philosophy of Religion, Psychology of Religion. For Apologetics, Homiletics, and Theology, see Schools of Theology.

The Catholic University of America

THEOLOGY

Departmental library, 14,500 volumes.

E. G. Fitzgerald, S.T.L. (Ecole Des Etudes Bibliques, Jerusalem); Dogmatic Theology.

J. M. Cooper, Ph.D. (Rome); Apologetics.

F. J. Sheen, Ph.D. (Louvain); Philosophy of Religion.

J. A. Ryan, S.T.D. (Catholic University;) Moral Theology.

F. Lucidi, S.T.D. (Rome); Moral Theology.

H. T. Henry, Litt.D. (Pennsylvania); Homiletics.

University of Chicago

COMPARATIVE RELIGION

Departmental library, 3,453 volumes.

In addition all the allied departmental libraries of the Social Sciences, Philology, Oriental Languages and Literatures, Classics, Philosophy and Anthropology cover phases of Comparative Religion.

"Journal of Religion."

A. E. Haydon, D.B. (McMaster), Ph.D. (Chicago); Comparative Religion.

University of Pennsylvania

HISTORY OF RELIGIONS

"Religions Past and Present," edited by Professor J. A. Montgomery, issued as an occasional volume.

G. A. Barton, Ph.D. (Harvard), Professor; Semitic Languages; The History of Religions.

A. C. Howland, Ph.D. (Pennsylvania), Professor; Mediæval History; Mediæval Legal History.

G. D. Hadzsits, Ph.D. (Michigan), Professor; Lucretius; Roman Religion.

J. A. Montgomery, Ph.D. (Pennsylvania), Professor; Semitics.

D. B. Shumway, Ph.D. (Göttingen), Professor; German Philology.

W. W. Hyde, Ph.D. (Halle), Professor; Greek Archæology.

F. G. Speck, Ph.D. (Pennsylvania), Professor; Ethnological and Linguistic field in North America; African Ethnology.

E. H. Heffner, Ph.D. (Pennsylvania), Professor; Roman Public Antiquities; Early Christian Literature.

E. Chiera, Ph.D. (Pennsylvania), Professor; Excavation near Kerkuk (Iraq).

A. J. Uppvall, Ph.D. (Clark), Assistant Professor; Scandinavian Languages and Literatures.

R. K. Yerkes, Ph.D., S.T.D., Lecturer; History of Religion.

M. G. Evans, D.D., Lecturer; Philosophy of Religion.

Yale University

University Library contains 80,000 volumes relating to Religion, and about 2,000 volumes on Hymnology.

Special Collections: Manuscript sermons of Yale Divines. The Henry M. Dexter collection on Congregationalism, 1,800 volumes and manuscripts. This comprises early treatises of both the English and Dutch life of the Plymouth Pilgrims, and is especially full in the original publications of the early Puritans and Separatists, and in the works which trace their rise and history both in England and Holland. The George E. Day Missions Library, 31,322 volumes. The Trowbridge Reference Library, 9,848 volumes.

B. W. Bacon, B.D., M.A. (Yale), Buckingham Professor of New Testament Criticism and Interpretation; The New Testament.

C. M. Bakewell, M.A. (California), Ph.D. (Harvard), Sheldon Clark Professor of Philosophy; History of Philosophy.

G. Dahl, Ph.D. (Yale), Professor of Old Testament Literature on the Samuel Holmes Foundation; Director of Religious Work in the Divinity School; The Old Testament.

F. Edgerton Ph.D. (Johns Hopkins), Professor of Sanskrit and Comparative Philology on Edward E. Salisbury Foundation; Indology.

K. S. Latourette, Ph.D. (Yale), D. Willis James Professor of Missions; Expansion of Christianity, and History of Religion in China.

D. C. Macintosh, Ph.D. (Chicago); The Philosophy of Religion, and Contemporary Theology.

F. C. Porter, B.D., Ph.D. (Yale), Winkley Professor of Biblical Theology; Biblical Theology.

W. H. Sheldon, Ph.D. (Harvard), Professor of Philosophy.

C. C. Torrey, Ph.D. (Strassburg), Professor of Semitic Languages.

L. A. Weigle, Ph.D. (Yale), Sterling Professor of Religious Education.

J. C. Archer, Ph.D. (Yale), Associate Professor of Missions; Mohammedanism, History of India, and Comparative Religion.

C. A. A. Bennett, Ph.D. (Yale), Professor of Philosophy.

K. I. Asakawa, B.L. (Waseda College, Japan); Litt.B. (Dartmouth), Ph.D. (Yale); Assistant Professor of the History of Japanese Civilization; Feudal Institutions and Japanese History.

R. H. Bainton, B.D., Ph.D. (Yale), Assistant Professor of Church History.

R. L. Calhoun, B.D., Ph.D. (Yale), Assistant Professor of Historical Theology.

F. S. C. Northrop, Ph.D. (Harvard), Assistant Professor of Philosophy; Logic.

FINE ARTS

Æsthetics, Archæology, Architecture, Byzantine, City Planning, Color, Composition, Design, Drama, Drawing, Dutch, Early Christian, Form, French, German, Greek, History of Art, Italian, Landscape Architecture, Mediæval, Modern, Ornament, Painting, Renaissance, Sculpture, Spanish.

Columbia University

Departmental collections, 2,400 volumes.

S. B. Murray, Jr., Ph.D. (Princeton), Professor; Early Christian Art. Italian Renaissance Art.

E. H. Swift, Ph.D. (Princeton), Professor; Byzantine Art; Byzantine Architecture; Early Mediæval Art.

N. W. Haring, M.A. (Princeton), Professor; Spanish Art.

C. H. Young, Ph.D. (Columbia), Professor; Greek Archæology; Greek Sculpture; Greek Costume.

J. D. Young, M.F.A. (Princeton), Professor; Painting in the Netherlands, France, and Germany from the late 16th to the 17th Centuries.

Harvard University

The Fogg Museum of Art (1927) especially rich in collections of engravings and

drawings, and early Italian painting, contains also specimens of ancient Greek marbles, Greek vases, Chinese and Japanese art, and paintings of many schools. Special equipment for research in the processes of painting. Collection includes over 46,000 photographs and more than 14,000 slides. Library includes 3,808 volumes. University Library includes: Fine Arts, 22,000 volumes; School of Architecture, 3,600 volumes; School of Landscape Architecture, 10,800 volumes.

"Fogg Museum Notes," I–II (1921–1926). "Art Studies," I–IV (1922–1926).

D. W. Ross, Ph.D. (Harvard); Lecturer on the Theory of Design.

C. Diehl, Docteur ès lettres (Paris); Lecturer on Fine Arts and History (for 1926–27).

J. S. Pray, A.B. (Harvard), Professor of Landscape Architecture.

E. W. Forbes, A.M. (Harvard); Lecturer on Fine Arts.

G. H. Chase, Ph.D. (Harvard), Professor of Archæology.

P. J. Sachs, A.B. (Harvard), Associate Professor of Fine Arts.

A. Pope, A.B. (Harvard), Professor of Fine Arts.

A. K. Porter, B.F.A. (Yale), Professor of Fine Arts.

C. R. Post, Ph.D. (Harvard), Professor of Greek and of Fine Arts.

G. H. Edgell, Ph.D. (Harvard), Professor of Fine Arts.

L. Warner, A.B. (Harvard), Fellow of the Fogg Art Museum for Research in Asia.

K. J. Conant, M.Arch., Ph.D. (Harvard), Assistant Professor of Architecture.

Indiana University

Departmental collections, 1,930 volumes dealing with Fine Arts. Collection of photographs. Collection of engravings, drawings, and water-colors.

R. E. Burke, A.M. (Indiana); History and Appreciation of Painting.

G. A. Howland, A.B. (North Dakota); History and Appreciation of Architecture and Sculpture.

Johns Hopkins University

Departmental collection, 10,000 volumes including McCoy collection of 1,000 volumes.

Collection of archæological material in the Hopkins Museum.

"The Johns Hopkins Studies in Archæology," I–II (1924–1927).

D. M. Robinson, Ph.D. (Chicago); Greek and Roman Archæology, Art, Epigraphy, Greek Literature.

Ohio State University

J. R. Hopkins, Professor of Painting.

R. Fanning, M.Arch. (Illinois), Professor; Water-Color Painting; History of Art.

Princeton University

Departmental collection in Marquand Library, over 10,000; 60 current periodicals. Special Collections: Italian sculpture, of the Renaissance made by the late Professor Marquand in connection with his Della Robbia catalogues. Manuscript Illumination in the Christian Era.

Marquand Library in McCormick Hall (1922).

Library of the Theological Seminary, 122,126 volumes is valuable for patristic literature, hagiography, scholastics, history of cult and ritual.

Photograph Collections, about 80,000 photographs.

Index of Christian Art. Under the direction of Professor Morey, this has grown to be a complete card index raisonné of monuments, with reproductions and bibliography from the earliest Christian times through the seventh century A. D. It is a unique instrument of research for the problems of origins and transmission of styles. It will be carried through the Middle Ages to the end of the iconographical period. It is housed in McCormick Hall.

The Museum of Historic Art. Exhibits from Early Egyptian times to the present. Is chiefly a visual epitome for the use of undergraduates, but is also useful to graduate students as affording occasional new

material of research, and means of controlling the impressions gained from facsimiles.

Public and private collections of New York and Philadelphia an hour and a half away.

"Princeton Monographs in Art and Archæology," I–XII (1912–24).

See School of Architecture.

C. R. Morey, M.A. (Michigan); Early Christian and Byzantine Art, especially Manuscript Illumination.

F. J. Mather, Jr., Ph.D. (Johns Hopkins); Painting of the late Middle Ages and Renaissance.

G. W. Elderkin, Ph.D. (Johns Hopkins); Classical Archæology.

E. B. Smith, Ph.D. (Princeton); History of Ornament and Early Mediæval Art.

E. T. DeWald, Ph.D. (Princeton).

Stanford University

Division of Graphic Art

Art Building (1905).

Departmental library, 1,500 volumes; 12 current periodicals.

A. B. Clark, M.Arch., (Syracuse); Renaissance and Modern Painters; House Design and City Planning; Art Education in Public Schools.

Chloe L. Starks, Textile Decoration; Form and Color.

E. M. Farmer, A.M. (Stanford); Pictorial Composition; Interior Decoration.

University of California

"American Archæology and Ethnology," I–XXIII (1903–1926).

P. W. Nahl, Associate Professor.

E. Neuhaus, Associate Professor.

O. M. Washburn, A.B. (Hillsdale), Associate Professor.

M. E. Cummings, Assistant Professor.

University of Chicago

Departmental library, 6,500 volumes.

W. Sargent, History of Modern Art from the close of the period of the Renaissance.

E. F. Rothschild, A.M. (Columbia); History of the Art of the Renaissance.

University of Kansas

Marvin Hall, library, Thayer Art Museum, Greek Museum and School of Fine Arts. Drawing and painting department facilities also available.

G. Godsmith, Ph.B. (Columbia), Professor; Architecture.

J. M. Kellogg, M.Arch. (Cornell), Professor; History of Architecture.

University of Michigan

Landscape Design and City Planning

Departmental library, 2,000 volumes. Nichols Arboretum, 90 acres valued at $200,000. "Nichols Arboretum Bulletin," I.

A. Tealdi, Graduate, Royal Technical Institute (Livorno); Landscape Design; City Planning.

H. O. Whittemore, M.L.D. (Michigan); Plant Materials of Landscape Design; City Planning.

G. C. Cone, A.B. in Landscape Architecture (Harvard); Landscape Design.

University of Missouri

Classical Archæology and History of Art

Museum of Art; Museum of Classical Archæology.

J. Pickard, Ph.D. (Munich), D.F.A. (Washington).

E. G. A. Suhr, Ph.D. (Johns Hopkins); Classical Sculpture.

Theory and Practice

J. S. Ankeney, A.B., Practice and History of Painting.

University of Pennsylvania

H. E. Everett, A.E.D. (Pennsylvania), Professor; Historic Ornament; History of Italian Art.

A. H. Gumaer, B.S. in Arch. (Columbia), Professor; History of Architecture.

T. Munro, Ph.D., (Columbia); Lecturer; Æsthetics; Fine Arts.

University of Wisconsin

HISTORY AND CRITICISM OF ART

O. F. Hagen, Ph.D. (Halle), Professor; History of Painting, particularly Italian and German of the fifteenth and sixteenth centuries.

Washington University

Departmental collection, 741 volumes.

See Architecture.

H. Smith, History and Appreciation of Art.

Yale University

Art School Building (1864). Department of Painting and Sculpture is carried on in this building.

Weir Hall, Architecture.

The University Theatre (1926), Department of Drama, provides a theatre having a large stage and complete equipment. Two rehearsal rooms; one with a stage and small auditorium, besides a Green Room, library, office, classrooms, dressing-rooms, etc.

Gift of $1,000,000 for an Art Museum announced in April, 1926. Jarves Gallery of Italian Art, 120 paintings dating from the 13th to the 17th centuries; Trumbull Gallery of historical portraits and other works, 102 pictures; Wheeler Collection of objects of art; contemporaneous art collection, 100 paintings; a collection of original sketches by old masters; a collection of about 160 casts and marbles, representative of various periods of Greek, Roman, and Renaissance art; a collection of Chinese porcelains and bronzes, loan by Professor Frederick Wells Williams; Alden Collection of Belgian Renaissance woodwork; the Achelis Collection of Dürer and Rembrandt prints; a series of five statues representing the best period of late Renaissance French work dating from the second half of the 12th century; and a collection of Braun autotypes and Arundel prints.

University collections housed in other buildings, offer additional opportunities for study, *e. g.*, the Stoddard Collection of Greek and Italian Vases in Memorial Hall.

Departmental library, 4,000 volumes; University Library contains 15,000 volumes related to this subject.

The Library in the School of Fine Arts Building contains 2,400 bound volumes, consisting mainly of technical handbooks, biographies, and works on general art topics. Collection of some 7,000 photographs; portfolios of prints; current art periodicals.

The professional Architectural Library, in Weir Hall contains 650 volumes.

The Library of the Department of Drama: Collection on history of the theatre and its architecture, and on lighting, costume, and scenic design.

"Bulletin of the Associates in Fine Arts at Yale University," I–II.

G. P. Baker, B.A. (Harvard), Professor of the History and Technique of the Drama; Director of the University Theatre; Drama.

E. V. Meeks, B.F.A. (Yale); A.D.G.F. (Ecole des Beaux Arts); Dean of the School of the Fine Arts and James Mason Hoppin Professor of Architecture; Architecture.

E. C. Taylor, B.F.A., Street Professor of Drawing and Painting; Pictorial Design.

S. Stevens, A.D.G.F. (Ecole des Beaux Arts); B.F.A. (Yale); Associate Professor of Architecture; Architecture.

H. Davenport, B.A. (Harvard); A.D.G.F. (Ecole des Beaux Arts); B.F.A. (Yale); Assistant Professor of the History of Art; The History of Art.

E. A. Park, Professional certificate (Columbia); Assistant Professor of Architecture; Architectural Drawing.

ANTHROPOLOGY

Anthropology, Anthropometry of the Negro, Ethnology and Linguistics of Africa, America, Asia, Europe, Oceania, and of subdivisions like California and the Southwest, etc.

Columbia University

"Columbia University Contributions to Anthropology," I–IV (1913–1926).

F. Boas, Ph.D. (Kiel), Professor; American Ethnology and Linguistics; Anthropometry.

Gladys A. Reichard, Ph.D. (Columbia), Instructor; Californian and Southwestern Ethnology and Linguistics.

P. E. Goddard, Ph.D. (California), Lecturer; Athapaskan languages; North American Ethnology; Curator, American Museum of Natural History.

Ruth Benedict, Ph.D. (Columbia), Lecturer; Religion and Folklore; North American Indians.

B. Oetteking, Ph.D. (Zurich), Lecturer; Physical Anthropology.

M. Herskowitz, Ph.D. (Columbia), Lecturer; Ethnology and Anthropometry of the Negro.

Harvard University

In the Peabody Museum a laboratory for anthropological and anthropometrical investigations. Skeletal material contains specimens from many parts of the world. Apparatus for measuring and studying skeletons.

The Peabody Museum contains teaching collection for study of primitive peoples, their arts and industries in addition to archæological material especially rich in American and European fields.

Publications of the Peabody Museum include papers and memoirs written by members of the Division of Anthropology and by staff of Museum. "Papers," I–IX (1888–1926); "Memoirs," (quarto), I–VI (1896–1913); "Annual Reports," 1868 to date; "Harvard African Studies," I–VI, (1917–1924).

R. B. Dixon, Ph.D. (Harvard), Professor of Anthropology; Ethnography of America, Asia, Oceania.

A. M. Tozzer, Ph.D. (Harvard), Professor of Anthropology; Middle American Archæology and Social and Religious Institutions of Primitive peoples.

E. A. Hooton, Ph.D. (Wisconsin), Assistant Professor of Anthropology; Ethnography of Africa and Europe and Physical Anthropology.

Stanford University

See Anatomy.

University of California

A. L. Kroeber, Ph.D. (California), Professor.

R. H. Lowie, Ph.D. (Columbia), Professor.

University of Chicago

See Sociology.

University of Michigan

The Museum of Anthropology, a research and not a teaching department of the university, is prepared to give individual instruction in Anthropology to students intending to devote their lives to Anthropology. Museum, organized in 1922, will move into its quarters in new building in summer of 1928.

W. B. Hinsdale, M.D. (Cleveland Homeopathic Medical School); Custodian of Michigan Archæology, Museum of Anthropology. Archæology of the Great Lakes region.

C. E. Guthe, Ph.D. (Harvard); Associate-Director, Museum of Anthropology. Primitive ceramics, with special reference to its systematic and correlative problems.

University of Minnesota

A. E. Jenks, Ph.D. (Wisconsin).

W. D. Wallis, Ph.D. (Pennsylvania).

University of Pennsylvania

Special facilities in anthropology and related sciences. For physical anthropology collections in Wistar Institute of Anatomy and at the College of Physicians. For ethnology, University Museum affords material from the North American Indians, Borneo, and several Central African tribes. Smaller collections in the museum afford material from Australia and Islands of the South Pacific. For study of American archæology, material from ancient culture areas of North and Central America. For prehistoric archæology of Europe, a small series of paleolithic implements and neolithic implements; for early bronze age in Europe an Etruscan collection and one from Crete. For prehistoric period of Northern Africa

a small series of flints from Upper Egypt. For the study of American linguistics, the Brinton collection of books and manuscripts.

The ethnological collections of the Academy of Natural Sciences and the Commercial Museum contain available material. The Zoological Gardens permit observation of culture animals.

The Anthropological Society of Philaphia affords opportunities for advanced students to participate in discussions on current anthropological topics.

F. G. Speck, Ph.D. (Pennsylvania), Professor; Ethnology and Linguistics of North America; African Ethnology.

A. I. Hallowell, Ph.D. (Pennsylvania), Instructor; American Ethnology and Linguistics; European Archæology.

Washington University

See Anatomy.

ECONOMICS

Accounting, Agricultural Economics, Banking, Business, Business Law, Corporations, Corporation History, Currency, Economic Theory, Economics of Food Production, Finance, Foreign Exchange and Travel, Government and Business, Industrial Relations, International Economics, International Trade, Investments, Labor, Land Economics, Management, Marketing, Money, Personnel Administration, Population, Public Finance, Public Utilities, Railroads, Risks and Risk Bearing, Rural Economics, Socialism, Statistics, Taxation, Transportation.

The Catholic University of America

Departmental Collections, 5,000 volumes.

F. O'Hara, Ph.D. (Berlin); Modern Economic Theory.

J. A. Ryan, S.T.D. (Catholic University); Industrial Ethics.

Clark University

Departmental Collections, 10,500 volumes. "Economic Geography," I–II (1925–1926).

S. J. Brandenburg, Ph.D. (Wisconsin) International Economics and Labor.

J. A. Maxwell, Ph.D. (Harvard); Financ and Economic Theory.

A. F. Lucas, Ph.D. (Princeton); Busines Economics.

D. W. Willard, Ph.D. (Washington); Ap plied Sociology.

Columbia University

The libraries of Columbia Universit (1,025,000 volumes) include in Europea History the series of printed epigraphi Corpora, Greek Papyri (published and un published), and archæological materia such as that in the Avery collection; man rare pamphlets relating to the French Revo lution; a large amount of Napoleonana; th Warburg collection of matter covering pre war revolutionary movements in Russia and a noteworthy series of Russian publi documents, the gift of Count Witte.

In American history, collections of all th States, and of many of the local, historica societies; a large collection of tracts, etc dealing with the Revolutionary period; th reports of State constitutional conventions and the Townsend Library of national state, and individual records of the Civ War.

For Politics, Public Law, Jurisprudence Economics, and Social Science, the librarie of Henry Livingston Thomas, late Chie Translator of the Department of State Holland Society of New York with its co lection of works of Grotius, and Refor Club of the City of New York. Special co lections on sociological theory, the histor of the family, pauperism, crime, and per ology.

New York Public Library: collection newspapers, pamphlets, and manuscript including the Bancroft and Munoz tra scripts; Union Theological Seminary, Churc History in Europe and America; America Museum of Natural History; Metropolita Museum of Art; American Geographical S ciety; American Numismatic Society; Ne York Genealogical and Biographical S ciety; New York Society Library; Ne York Historical Society; Long Island Hi

torical Society; General Theological Seminary; Jewish Theological Seminary; Hispanic Society of America, collection of materials relating to history, institutions, and culture of Spain, Portugal, and Latin America; Bar Association; Law Institute; New York School for Social Work. Library of the McVickar Professor of Political Economy, collection of works on early economics.

"Studies in History, Economics, and Public Law": since 1891 under the editorial supervision of the Faculty of Political Science; 284 monographs, comprised in 125 volumes, have been published. The Faculty of Political Science also edits the "Political Science Quarterly," I–XLI.

E. R. A. Seligman, Ph.D. (Columbia); Taxation.

H. R. Seager, Ph.D. (Pennsylvania); Labor.

H. L. Moore, Ph.D. (Johns Hopkins); Theory.

V. G. Simkhovitch, Ph.D. (Halle-Wittenberg); Economic History and Socialism.

H. P. Willis, Ph.D.; Banking.

R. C. McCrea, Ph.D. (Pennsylvania); Business.

W. C. Mitchell, Ph.D. (Chicago); Theory.

J. M. Clark, Ph.D. (Columbia); Theory.

J. W. Angell, Ph.D. (Harvard); International Trade.

R. G. Tugwell, Ph.D. (Pennsylvania); Modern Economic Theory.

Cornell University

W. F. Willcox.
H. J. Davenport.
D. English.
H. L. Reed.
S. H. Slichter.
M. A. Copeland.
S. May.

Harvard University

Harvard Library contains some 75,000 volumes and pamphlets relating to Economics and Sociology, including a collection of labor periodicals, banking and financial journals and a collection of works of the 17th and 18th centuries. Substantially all the important economic journals published in the different countries of the world are received. The collection of bound files of economic periodicals is one of the largest in the world. The files of United States public documents, of British Parliamentary papers, and of the public documents of other countries (not included in the total figures already given) are unusually complete. Department of Social Ethics maintains a special library with over 16,000 volumes and pamphlets and a Social Museum with more than 10,000 charts, maps, photographs, and models. Library of the School of Business Administration, contains over 50,000 books and pamphlets, but with the removal of this collection to a new building and with accessions already provided for, the total number of bound volumes and pamphlets in that collection will probably amount to several hundred thousand.

Statistical laboratory, maintained for use of students. Facilities of the Harvard Committee on Economic Research are sometimes available, under appropriate conditions, to research students.

"Quarterly Journal of Economics," I–XXX. "Harvard Economic Studies," I–XXX.

See also Harvard Graduate School of Business, Departments of Social Ethics, History, Government, Philosophy, and Psychology.

F. W. Taussig, Ph.D. (Harvard); Economic Theory; International Trade.

T. N. Carver, Ph.D. (Cornell); Economic Theory; Sociology; Agricultural Economics.

C. J. Bullock, Ph.D. (Wisconsin); History of Economic Thought; Public Finance.

W. Z. Ripley, Ph.D. (Columbia); Industrial Corporations; Transportation; Labor Problems.

E. F. Gay, Ph.D. (Berlin); Economic History.

A. A. Young, Ph.D. (Wisconsin); Economic Theory; Money and Banking.

W. M. Persons, Ph.D. (Wisconsin); Economic Fluctuations.

H. H. Burbank, Ph.D. (Harvard); Public Finance.

A. P. Usher, Ph.D. (Harvard); Economic Theory.

J. H. Williams, Ph.D. (Harvard); International Finance.

A. H. Cole, Ph.D. (Harvard); International Trade; Economic History.

W. L. Crum, Ph.D. (Yale); Statistics.

Indiana University

U. G. Weatherly, Ph.D. (Cornell); Sociology.

J. E. Moffat, Ph.D. (Chicago); Economic Theory.

L. D. Edie, M.S. (Colgate); Money, Banking, Business Cycles.

T. S. Luck, A.M. (Virginia); Labor.

M. C. Mills, Ph.D. (Columbia); Finance.

School of Commerce and Finance: The Bureau of Business Research is engaged in a series of studies of the wealth, income, resources, manufactures, transportation facilities, and other fundamental characteristics of the State of Indiana. It affords an opportunity for training in statistical work.

"Studies of Business Problems," Volume I, number 1.

"Indiana Business Review," Volume I, numbers 1–7.

W. A. Rawles, Ph.D. (Columbia); Business, Finance, and Investments.

L. D. Edie, M.S. (Colgate); Money, Banking, Business Cycles.

A. L. Prickett, A.M. (Illinois); Accounting.

Johns Hopkins University

Economic Library 30,000 volumes. Special collections: Hutzler Collection of Economic Classics, 3,000 volumes (Economic Theory and Chartism).

American trade-union publications includes Constitutions, Proceedings, Journals, and other original documents of American trade-unions.

"Johns Hopkins University Studies in Historical and Political Science," I–XLV.

J. H. Hollander, Ph.D. (Johns Hopkins), Abram G. Hutzler Professor of Political Economy; Public Finance; History of Economic Theory.

G. E. Barnett, Ph.D. (Johns Hopkins), Professor of Statistics; Statistics; Labor; Investments.

W. O. Weyforth, Ph.D. (Johns Hopkins), Associate Professor of Political Economy; Money and Banking.

B. Mitchell, Ph.D. (Johns Hopkins), Associate Professor of Political Economy; Economic History.

G. H. Newlove, Ph.D. (Illinois), Associate Professor of Accounting; Accounting.

Northwestern University

Departmental Collections: Economics and Commerce, 20,000 volumes. Publications of the Bureau of Business Research.

J. W. Bell, Ph.D. (Harvard), Associate Professor; Banking and Finance.

V. Custiss, Ph.D. (Harvard), Associate Professor; Theory and Industrial Combinations.

F. E. Clark, Ph.D. (Illinois), Professor; Marketing.

F. S. Deibler, Ph.D. (Wisconsin), Professor of Theory and Labor.

R. T. Ely, Ph.D. (Heidelberg), Professor of Theory and Director of Institute of Land Economics and Public Utilities.

R. E. Heilman, Ph.D. (Harvard), Professor; Government in Relation to Industry, and Dean of School of Commerce.

E. P. Hohman, Ph.D. (Harvard), Assistant Professor of Labor and Theory.

H. Secrist, Ph.D. (Wisconsin), Professor; Statistics; Director Bureau of Business Research.

W. V. Pooley, Ph.D. (Wisconsin), Associate Professor of Economic History.

R. J. Ray, M.A. (Harvard), Associate Professor of Foreign Trade and Policies.

E. H. Holme, M.A. (Harvard), Assistant Professor of Public Finance and Taxation.

W. E. Lagerquist, Ph.D. (Yale), Professor of Finance.

Institute for Research in Land Economics and Public Utilities: The Institute Research Library, 25,000 titles, includes the private library of Dr. Richard T. Ely. "The Journal of Land and Public Utility Economics," quarterly; first issued, January, 1925.

R. T. Ely, Ph.D. (Heidelberg), Director of the Institute.

H. B. Dorau, M.A. (Wisconsin); Public Utility Economics.

M. B. Glaeser, Ph.D. (Harvard); Public Utility Economics.

A. G. Hinman, M.A. (Wisconsin); Urban Land Economics.

A. J. Mertzke, Ph.D. (Wisconsin); Urban Land Economics.

E. W. Morehouse, M.A. (Wisconsin), Managing Editor, "Journal of Land and Public Utility Economics." Public Utility Labor Policies.

J. Perlman, Ph.D. (Wisconsin); Statistics.

Mary L. Shine, Ph.D. (Wisconsin); General Land Economics.

H. D. Simpson, Ph.D. (Wisconsin); Taxation.

H. C. Taylor, Ph.D. (Wisconsin); Agricultural Economics.

G. S. Wehrwein, Ph.D. (Wisconsin); Agricultural Economics.

Ohio State University

Bureau of Business Research: Director, S. Bell, M.B.A. (Harvard), Financial Editor, "The Economist." Issues Bulletin of Business Research, monthly, and special monographs, 6 issued during past 2 years.

M. B. Hammond, Ph.D. (Columbia); Labor Problems; Economic History.

H. G. Hayes, Ph.D. (Michigan); Economic Theory.

A. B. Wolfe, Ph.D. (Harvard); Economic Theory; Population.

H. F. Walradt, Ph.D. (Yale); Public Finance.

F. E. Held, Ph.D. (Illinois); International Trade.

J. I. Falconer, Ph.D. (Wisconsin); Rural Economics.

C. E. Lively A.M. (Nebraska); Rural Sociology.

H. E. Hoagland, Ph.D. (Columbia); Corporation Organization and Finance.

H. H. Maynard, Ph.D. (Iowa); Marketing Problems.

C. O. Ruggles, Ph.D. (Harvard); Railroads and Public Utilities.

W. C. Weidler, M.A. (Ohio State); Marketing Problems.

C. A. Dice, Ph.D. (Wisconsin); Money and Banking.

Princeton University

The Princeton University Library, 550,000 volumes and 116,000 pamphlets, includes: The Pliny Fisk Statistical Library, 6,000 books on financial subjects together with 18,000 pamphlets, 48,750 circulars, and 82,500 selected newspaper clippings on American Corporation and Government Finance.

Economic Seminary; Industrial Relations Section; established in 1922 by a gift of $12,000 a year, pledged by Mr. John D. Rockefeller, Jr., for five years, a collection of books, pamphlets, reports, periodicals, and documents (including unpublished documents) illustrating or growing out of the relations of employers and employees. Publications of labor organizations, of industrial and railroad corporations, and of organizations representing one or another of these interests; but it is concerned also with a wide range of publications having to do with governmental action in industry. The resources of the Section are available not only to graduate and undergraduate students in Princeton University, but also to responsible persons elsewhere, such as students and professors on the one hand, and employers and representatives of labor on the other.

F. A. Fetter, Ph.D. (Halle); Economic theory and its history.

E. W. Kemmerer, Ph.D. (Cornell), President American Economic Association (1926). Banking currency and international finance.

D. A. McCabe, Ph.D. (Johns Hopkins); Labor Problems.

F. H. Dixon, Ph.D. (Michigan); Relation between government and business, and economics of transportation.

S. E. Howard, Ph.D. (Princeton); Accounting, and corporation finance.

F. D. Graham, Ph.D. (Harvard); International trade and commercial policy.

Stanford University

Special collections: Hopkins Railway library; Hoover War library.

"Stanford Business Series," No. 1: "The Proceedings of the Stanford Conference on Business Education."

W. G. Beach, A.M. (Harvard); Sociology.

T. H. Boggs, Ph.D. (Yale); International Trade; Labor problems.

J. B. Canning, Ph.D. (Chicago) Accountancy.

E. Jones, Ph.D. (Harvard); Railway Transportation; Public Utilities.

H. L. Lutz, Ph.D. (Harvard); Taxation.

A. C. Whitaker, Ph.D. (Columbia); Corporation Finance; Foreign Exchange.

M. S. Wildman, Ph.D. (Chicago); Money and Banking; Investments.

J. S. Davis, Ph.D. (Harvard).

W. E. Hotchkiss, Ph.D. (Cornell).

G. W. Dowrie, Ph.D. (Illinois).

P. E. Holden, B.S. (Purdue).

J. H. Jackson, M.B.A. (Harvard),C.P.A. (Wisconsin), (Massachusetts), (California).

E. G. Mears, M.B.A. (Harvard).

V. H. Pelz, A.M. (Northwestern).

E. K. Strong, Jr., Ph.D. (Columbia).

FOOD RESEARCH INSTITUTE

Food commodity economics and statistics; Biochemistry with special reference to food products.

The Food Research Institute established at Stanford University in 1921 jointly by the Carnegie Corporation of New York and the Trustees of Stanford University for research in the production, distribution and consumption of food, has a collection of 600 volumes and a like number of miscellaneous pamphlets covering the subjects of economics, food supply, marketing, transportation, nutrition, agriculture—economic and technological—milling, baking, oils and fats. About 375 periodicals and 200 annuals from trade, government, and academic organizations, American and foreign, are received. In addition the Institute files many officials documents from Canada and the United States. Foreign documents of special interest are collected.

"Wheat Studies" of the Food Research Institute, I–III, 27 numbers (1924–1927).

Miscellaneous publications 3 (1923–1926).

C. L. Alsberg, M.D. (Columbia); Biochemistry.

J. S. Davis, Ph.D. (Harvard); Economics of wheat production and marketing; European economic and financial developments.

A. E. Taylor, M.D. (Pennsylvania); Economics of food production distribution and consumption.

H. Working, Ph.D. (Wisconsin); Analytical studies of commodity prices.

H. Hotelling, Ph.D. (Princeton); Mathematical statistics.

UNIVERSITY OF CALIFORNIA

"Economics," I–IV (1908–1918).

I. B. Cross, Ph.D. (Stanford), Professor.

S. Daggett, Ph.D. (Harvard), Professor.

H. R. Hatfield, Ph.D. (Chicago), Professor.

Jessica B. Peixotto, Ph.D. (California), Professor.

C. C. Plehn, Ph.D. (Brown), Professor.

L. W. Stebbins, A.B. (Radcliffe), Professor.

A. H. Mowbray, A.B. (California), Associate Professor.

N. J. Silberling, Ph.D. (Harvard), Associate Professor.

C. C. Staehling, M.S. (Chicago), Associate Professor.

Barbara N. Armstrong, Ph.D. (California), Assistant Professor.

P. E. Cadman, Docteur d'Etat ès Sciences économiques (Paris), Assistant Professor.

F. Flugel, Ph.D. (California), Assistant Professor.

E. T. Grether, Ph.D. (California), Assistant Professor.

C. A. Gulick, Ph.D. (Columbia), Assistant Professor.

P. T. Homan, Ph.D. (Robert Brookings), Assistant Professor.

P. S. Taylor, Ph.D. (California), Assistant Professor.

UNIVERSITY OF CHICAGO

Social Science Research Building (1923). Value of building, $75,000; Equipment, $10,000.

Commerce Building (1921). Value of building, $150,000; Equipment, $10,000.

"Journal of Political Economy" (1892-

1926), I–XXXIV. "Materials for the Study of Economics," 5 Volumes (1913–1926). "Materials for the Study of Business," 29 Volumes (1918–1926). "Social Science Series," 2 Volumes (1924–1926).

N. W. Barnes, A.M. (Columbia); Marketing.

Ann Brewington, A.M. (Chicago); Secretarial Training.

J. F. Christ, J.D. (Chicago); Business Law.

G. V. Cox, A.B. (Beloit); Risk and Risk Bearing.

H. C. Daines, A.M. (Chicago); C.P.A.; Accounting.

J. C. Dinsmore, Ph.B. (Chicago); Marketing.

P. H. Douglas, Ph.D. (Columbia); Labor.

E. A. Duddy, A.M. (Harvard); Marketing.

J. A. Field A.B. (Harvard); Population and Statistics.

L. C. Marshall, A.M. (Harvard); Economics.

Hazel Kyrk, Ph.D. (Chicago); Home Economics.

L. C. Marshall, A.M. (Harvard); Economics.

S. P. Meech, Ph.B. (Chicago); Financial Organization.

H. A. Millis, Ph.D. (Chicago); Labor.

L. W. Mints, A.M. (Colorado); Finance.

J. O. McKinsey, A.M. (Chicago), C.P.A.; Accounting.

S. H. Nerlove, A.M. (Chicago); Risk and Risk Bearing.

J. L. Palmer, A.M. (Chicago), C.P.A., Marketing.

D. A. Pomeroy, J.D. (Chicago); Business Law.

C. R. Rorem, A.M. (Chicago); C.P.A.; Accounting.

L. C. Sorrell, A.B. (Colgate); Transportation and Communication.

W. H. Spencer, J.D. (Chicago); Business Law.

B. M. Squires, Ph.D. (Columbia); Labor.

R. W. Stone, Ph.D. (Chicago); Industrial Relations.

J. Viner, Ph.D. (Harvard); Theory of Public Finance.

C. W. Wright, Ph.D. (Harvard); Economic History and Trusts.

T. O. Yntema, A.M. (Illinois), C.P.A.; Accounting.

A. W. Kornhauser, Ph.D. (Chicago); Business Psychology and Personnel Administration.

W. N. Mitchell, A.M. (Chicago); Production.

E. L. Rhoades, B.S. (Missouri); Marketing.

University of Illinois

Library of Economics and Sociology: 24,000 volumes.

E. L. Bogart, Ph.D. (Columbia), Professor; International Finance.

C. M. Thompson, Ph.D. (Illinois), Professor; Public Utilities.

N. A. Weston, Ph.D. (Cornell), Professor; Economic Theory.

S. Litman, Dr. Jur. Pub. et Rer. Cam. (Zurich), Professor; Foreign Trade.

M. H. Hunter, Ph.D. (Cornell), Associate Professor; Public Finance.

I. Wright, D.Sc. (Pennsylvania State), Associate Professor; International Exchange and the Money Markets; Reserve Banking.

M. H. Robinson, Ph.D. (Yale), Professor; Private Finance.

E. Berman, Ph.D. (Columbia), Assistant Professor; Labor Problems.

F. T. Carlton, Ph.D. (Wisconsin), Professor; Industrial Relations.

C. L. Stewart, Ph.D. (Illinois), Associate Professor; Agricultural Economics.

L. J. Norton, Ph.D. (Cornell), Assistant Professor; Agricultural Resources.

F. E. Wolfe, Ph.D. (Johns Hopkins), Associate Professor; Statistical Theory and Analysis.

H. T. Scovill, C.P.A. (Illinois), Professor; Accounting Systems.

E. J. Filbey, Ph.D. (Wisconsin), Professor; Accounting Reports; Income Tax.

A. C. Littleton, A.M., C.P.A. (Illinois), Associate Professor; Advanced Theory and History of Accounting.

L. Morey, C.P.A. (Illinois), Professor; Governmental Accounting.

P. D. Converse, A.M. (Washington and

Lee), Associate Professor; Marketing Policies and Problems.

F. A. Russell, Ph.D. (Illinois), Professor; Scientific Management.

University of Kansas

"Kansas Studies in Business," I–IV (1925).

A. J. Boynton, A.M. (Harvard); Banking.

J. Ise, Ph.D. (Harvard); Economic Theory, and Land Economics.

J. P. Jensen, Ph.D. (Chicago); Public Finance.

F. T. Stockton, Ph.D. (Johns Hopkins); Labor; Marketing.

H. F. Holtzclaw, Ph.D. (Johns Hopkins); Marketing.

University of Michigan

General Library, includes Library of K. H. Rau (Parsons Collection) and literature on transportation.

The Mathematics and Economics Reading Room in Angell Hall contains some 1,100 titles in economics and 500 in insurance; 100 periodicals.

E. E. Day, Ph.D. (Harvard); Economic Statistics.

F. M. Taylor, Ph.D. (Michigan); Economic Theory.

I. L. Sharfman, A.B., LL.B. (Harvard); Public Control of Industry with Special Reference to Railroads, Public Utilities, and Industrial Combination.

W. A. Paton, Ph.D. (Michigan); Accounting.

Z. C. Dickinson, Ph.D. (Harvard); Economic Motivation.

J. V. Van Sickle, Ph.D. (Harvard); Public Finance.

C. Goodrich, Ph.D. (Chicago); Labor Problems.

L. L. Watkins, Ph.D. (Michigan); Money and Credit.

School of Business Administration

Departmental Collection, 3,000 volumes; 160 periodical files. Accounting and Statistical Laboratories. "Michigan Business Studies," Volume I, Nos. 1 and 2.

E. E. Day, Ph.D. (Harvard); Business Statistics and Business Policy.

C. S. Yoakum, Ph.D. (Chicago); Personnel Management and Business Psychology.

W. A. Paton, Ph.D. (Michigan); Accounting.

C. E. Griffin, Ph.D. (Illinois); Marketing.

R. G. Rodkey, A.M. (Michigan); Bank Management and Investments.

E. M. Fisher, A.M. (Wisconsin); Realty Management.

R. L. Masson, A.M. (Harvard); Financial Management.

C. N. Schmalz, M.B.A. (Harvard); Retail Store Management.

Margaret Elliott, Ph.D. (Radcliffe); Labor Problems and Personnel Management.

O. W. Blackett, Ph.D. (Harvard); Business Statistics.

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E. S. Wolaver, LL.B. (Michigan); Business Law.

J. P. Mitchell, Jr., A.M. (Harvard); Business Policy.

F. E. Ross, A.M. (Michigan), C.P.A.; Accounting.

University of Minnesota

R. A. Stevenson, Ph.D. (Michigan).
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N. S. B. Gras, Ph.D. (Harvard).
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B. D. Mudgett, Ph.D. (Pennsylvania).
E. A. Heilman, Ph.D. (Wisconsin).
H. B. Price, Ph.D. (Yale).
C. L. Rotzel, C.P.A. (New York).
J. W. Stehman, Ph.D. (Chicago).
R. S. Vaile, M.A. (Harvard).
W. R. Myers, Ph.D. (Chicago).
J. J. Reighard, C.P.A. (Indiana).
W. C. Waite, Ph.D. (Minnesota).
J. F. Ebersole, A.M. (Harvard).

University of Missouri

"Social Science Series," I–III.

H. G. Brown, Ph.D. (Yale); Taxation.

J. H. Rogers, Ph.D. (Yale); Finance.

D. R. Scott, A.B. (Missouri); Accounting.

M. W. Watkins, Ph.D. (Michigan); Labor Problems, Trusts, and Combinations.

AGRICULTURAL ECONOMICS

O. R. Johnson, A.M. (Missouri); Farm Management.

F. L. Thomsen, Ph.D. (Wisconsin); Marketing.

S. D. Gromer, A.M. (Harvard).

University of Nebraska

Books in economics and business administration number 10,000. Social Sciences Building (1920) cost $300,000. Statistical laboratory. "Nebraska Studies in Business," Nos. 1 to 17 (1922–1926).

J. E. LeRossignol, Ph.D. (Leipzig); Socialism; Labor Problems; Economics.

G. O. Virtue, Ph.D. (Harvard); Public Finance; Economic History; Economics.

O. R. Martin, A.M. (Illinois); Accounting; Business Organization.

J. E. Kirshman, Ph.D. (Harvard); Investments; Corporation Finance; Business Cycles.

T. B. Robb, Ph.D. (Yale); Business Research; Statistics.

University of North Carolina

An Institute for Research in Social Science was organized in 1924 for the specific purpose of promoting cooperative research on the part of all Social Science departments. This Institute is provided at present with an annual fund of $32,500.

D. D. Carroll, M.A. (Columbia); Associate Editor," "Social Forces."

C. T. Murchison, Ph.D. (Columbia); Banking.

E. W. Zimmerman, Ph.D. (Bonn); Foreign Trade.

E. E. Peacock, M.B.A. (Harvard); Accounting.

D. M. Keezer, Ph.D. (Robert Brookings).

J. B. Woosley, M.A. (Chicago); Investments.

G. T. Schwenning, Ph.D. (Clark); Management Theories and Practices.

J. M. Lear, M.A. (Columbia); Insurance.

M. S. Heath, M.A. (Harvard); Finance; Economic Doctrines; Transportation.

H. A. Haring, Ph.D. (Yale); Labor Problems.

H. M. Cassidy, Ph.D. (Robert Brookings); Industrial Relations.

DEPARTMENT OF RURAL SOCIAL ECONOMICS

Library has two special collections: (1) County Government Surveys accumulated during twelve years. These county government surveys have been the basis of a report on Improved County Government of the State Commission on County Government to be presented to the 1927 session of the State legislature; (2) library section devoted to Public Waterways and Public Port Terminals, with special reference to North Carolina. This was the basis of a State campaign in 1924 for legislative aid in establishing and developing public waterways and public port terminals in North Carolina, in collaboration with the Federal Government.

E. C. Branson, A.M. (Duke); Rural Sociology.

S. H. Hobbs, Jr., A.M. (North Carolina); Rural Economics.

University of Pennsylvania

Cary Library: 3,000 rare pamphlets.

E. R. Johnson, Ph.D. (Pennsylvania), Professor; Transportation and Commerce.

J. T. Young, Ph.D. (Halle-Wittenberg), Professor; Relation of Business and Government.

E. S. Mead, Ph.D. (Pennsylvania), Professor; Corporation Finance.

S. S. Huebner, Ph.D. (Pennsylvania), Professor; Insurance (Life, Property, and Casualty). Organized stock and produce exchange markets.

T. Conway, Jr., Ph.D. (Pennsylvania), Professor; Finance.

E. P. Moxey, Jr., Ph.D. (Pennsylvania), Professor; Certified Public Accountant.

J. J. Sullivan, A.M. (St. Joseph's); LL.B. (Pennsylvania), Professor.

H. H. Hess, Ph.D. (Pennsylvania), Professor; Advertising, Salesmanship, and Merchandising Problems.

G. G. Huebner, Ph.D. (Pennsylvania), Professor; Transportation; Foreign Trade.

C. L. King, Ph.D. (Pennsylvania), Professor; Public Finance.

J. H. Willits, Ph.D. (Pennsylvania), Professor; Industry.

H. T. Collings, Ph.D. (Yale), Professor; International Trade. Latin America.

R. R. Riegel, Ph.D. (Pennsylvania), Professor; Insurance; Statistics.

A. H. Williams, Ph.D. (Pennsylvania), Professor; Business Administration; Manufacturing Industries of U. S.

W. P. Raine, A.M. (Pennsylvania); LL.M. (George Washington), Professor; Business Law.

C. K. Knight, Ph.D. (Pennsylvania), Professor; Actuarial Science; Life Insurance.

E. M. Patterson, Ph.D. (Pennsylvania), Professor; Economics.

R. T. Bye, Ph.D. (Pennsylvania), Professor; Economic Theory.

G. B. Anderson, Ph.D. (Pennsylvania), Assistant Professor; Finance.

F. H. Shields, LL.B. (Pennsylvania), Assistant Professor; Business Law.

R. S. Stoyle, LL.B. (Pennsylvania), Assistant Professor; Investments; Management and Control of Trust Funds.

F. Parker, LL.B., Ph.D. (Pennsylvania), Assistant Professor; Finance.

W. C. Schluter, Ph.D. (Columbia), Assistant Professor; Finance.

P. F. Gemmill, Ph.D. (Pennsylvania), Assistant Professor; Industrial Relations; Labor Problems; Economic Theory.

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L. N. Gulick, B.S. in M.E. (Pennsylvania), Assistant Professor; Industry.

C. A. Kulp, Ph.D. (Pennsylvania), Assistant Professor; Organized Insurance, especially Casualty Insurance. Stock and Produce Markets.

W. W. Hewett, Ph.D. (Pennsylvania), Assistant Professor; Taxation.

E. L. McKenna, Ph.D. (Pennsylvania), Assistant Professor; Insurance.

L. W. Hall, Ph.D. (Pennsylvania), Assistant Professor.

W. C. MacLeod, Ph.D. (Pennsylvania), Assistant Professor.

H. S. Person, Ph.D. (Michigan); Lecturer; Business Organization, Administration, and Managements.

W. H. Voskul, Ph. D. (Wisconsin), Instructor; Economics of Minerals and Power.

University of Virginia

Departmental library, 2,000 volumes.

T. R. Snavely, Ph.D. (Virginia).

A. J. Barlow, B.A. (Boston); B.B.A. (Boston).

A. Bergland, Ph.D. (Columbia).

G. T. Starnes, Ph.D. (Virginia).

E. A. Kincaid, Ph.D. (California).

University of Wisconsin

B. S. Beecher, M.A. (Wisconsin); Insurance.

J. R. Commona, A.M. (Oberlin); Labor.

F. H. Elwell, B.A. (Wisconsin), C.P.A.; Accounting.

P. G. Fox, Ph.D. (Columbia); Business Ethics and Statistics.

E. H. Gardner, M.A. (Columbia); Marketing and Advertising.

J. L. Gillin, B.D. (Columbia); Sociology.

S. W. Gilman, LL.B. (Wisconsin); Finance.

M. G. Glaeser, Ph.D. (Harvard); Public Utilities.

B. H. Hibbard, Ph.D. (Wisconsin); Agricultural Economics and Land Economics.

H. Jerome, Ph.D. (Wisconsin); Statistics.

W. H. Kiekhofer, Ph.D. (Wisconsin); Economic Theory and Finance.

J. H. Kolb, Ph.D. (Wisconsin); Rural Sociology.

D. D. Lescohier, Ph.D. (Wisconsin); Labor.

T. Macklin, Ph.D. (Wisconsin); Agricultural Marketing.

S. Perlman, Ph.D. (Wisconsin); Labor.

E. A. Ross, Ph.D. (Johns Hopkins); Sociology.

W. A. Scott, Ph.D. (Johns Hopkins); Finance.

H. R. Trumbower, Ph.D. (Wisconsin); Transportation.

K. Young, Ph.D. (Stanford); Sociology.

Washington University

I. Lippicott, Ph.D. (Chicago); Economic Resources.

W. S. Krebs, A.B. (Illinois), A.M. (Wisconsin); Accounting.

G. W. Stephens, Ph.D. (Wisconsin); Labor Problems and Transportation.

S. A. Marsh, A.B. (Wisconsin); Accounting.

J. R. Cable, Ph.D. (Columbia); Finance and Banking.

O. Bennett, Ph.D. (Robert Brookings); Business Law.

M. D. Anderson, Ph.D. (Robert Brookings); Statistics.

H. M. Sinclair, M.A. (Edinburgh), B.Com. (Queens); Marketing and Foreign Trade.

D. A. Ruebel, A.B. (Washington); Advertising.

(The Robert Brookings Graduate School of Economics and Government, 1724 I St. N. W., Washington, D. C., was established in 1923 as the Graduate School of Economics and Government of Washington University, St. Louis. In November, 1924, this university relinquished control and a new corporation was formed in the District of Columbia to serve all universities. It is a residential graduate school for about 50 students, men and women, who have their baccalaureate degrees and who have had one year of graduate study in economics and politics, and who have been approved by the staff of the school. The degree of Ph.D. is the only degree conferred. The annual expense is $1,000 which covers instruction, lodging, and board. There are twenty George Eastman Fellowships of $750 to $1,000 each, and in 1927–28 Consulting Fellowships of $500 to $1,000 each.)

Yale University

The number of volumes on Social Science, Political Science, and Law in the University Library aproximates 175,000. This number includes: the Wagner Economic Tracts, about 10,500 volumes; the Wheeler Collection (Roman Law), about 9,292 volumes (in Law Library); U. S. State and City documents, 20,000; Canadian Government documents, 3,300; British Blue Books, 6,300; the Boocock Library, about 1,650 volumes supplying students with special works in Social Science. The Wm. H. Brown statistical collection, covering reports on agricultural, railroad, manufacturing and public utility enterprises, approximately 20,000 volumes; British Parliamentary Journals and Collections of Debates and Proceedings, about 1,349 volumes. In addition, the University Library contains about 8,000 newspapers. The number of volumes in the departmental library is about 2,125. Statistics laboratory in Kent Hall.

T. S. Adams, Ph.D. (Johns Hopkins); Professor of Political Economy; Taxation.

A. L. Bishop, Ph.D. (Yale); Professor of Business Administration.

W. M. Daniels, M.A. (Princeton); Thomas DeWitt Cuyler Professor of Transportation.

C. Day, Ph.D. (Yale); Seymour H. Knox Professor of Political Economy; Economic History.

F. R. Fairchild, Ph.D. (Yale); Professor of Political Economy; Taxation and Public Finance.

I. Fisher, Ph.D. (Yale); Professor of Political Economy; Theoretical and Mathematical Economics.

E. S. Furniss, Ph.D. (Yale); Pelatiah Perit Professor of Social and Political Science; Interrelations of Economics and Politics.

A. G. Keller, Ph.D. (Yale); Professor of the Science of Society.

R. B. Westerfield, Ph.D. (Yale); Professor of Political Economy; Banking; Marketing; Business Forecasting.

N. S. Buck, Ph.D. (Yale); Assistant Professor of Political Economy; Foreign Trade.

M. Conover, M.A. (Minnesota); Assistant Professor of Political Science; Legislation and Administration.

M. R. Davie, Ph.D. (Yale); Assistant Professor of Sociology; Applied Sociology.

N. J. Spykman, Ph.D. (California); Assistant Professor of Political Science; Political Theory and International Relations.

E. M. Borchard, Ph.D. (Columbia); Professor of Law; Law Librarian, Curator of the A. S. Wheeler Roman Law Library; International Law.

W. W. Cook, M.A., LL.M. (Columbia); Professor of Equity; Jurisprudence.

E. G. Lorenzen, LL.B. (Cornell); J. U. D. (Göttingen); Professor of Roman Law and Comparative Jurisprudence; Roman Law.

G. E. Woodbine, Ph.D., LL.B. (Yale); Professor of Law; The Middle Ages.

W. A. Sturges, LL.B. (Columbia); J. D. (Yale), Associate Professor of Law; Industrial Relations.

HISTORY

American (Constitutional, Diplomatic, Industrial, Political, Social and Regional, *e. g.*, the South, the West, and local). Ancient, British Empire, Byzantine, Canada, Church, Egypt, Europe, Far East, France, Greek, Historiography, India, International Relations, Italy, Japan, Latin America, Medieval, Medieval Near East, Methodology, Near East, Oriental, Pacific, Prussia, Reformation, Renaissance, Roman, Russian, Slavonic, Spanish, West Indies.

The Catholic University of America

Departmental Library, 15,000 volumes; Ibero-American Library, 40,000 volumes.

"The Catholic Historical Review," I–XI (1915–1927).

C. H. McCarthy, Ph.D. (Pennsylvania); American Political and Constitutional History.

P. J. Healy, S.T.D. (Catholic University); Church History.

N. A. Weber, S.T.D. (Catholic University); General History.

L. F. Stock, Ph.D. (Catholic University); American Historical Archives and Materials.

P. Guilday, Ph.D. (Louvain); American Church History.

R. J. Purcell, Ph.D. (Yale); Industrial History.

S. M. de Torosiewicz, Ph.D. (Jagellon University of Cracow); History of Russian People.

P. W. Browne, Ph.D. (Catholic University); General History.

Clark University

"Journal of Race Development" (1910–1919). "Journal of International Relations" (1919–1922). Published by Clark University; edited by President G. Stanley Hall and Professor George H. Blakeslee, assisted by a Board of Editors. In 1922 this publication was merged with "Foreign Affairs."

G. H. Blakeslee, Ph.D. (Harvard), Professor; The Recent Foreign Relations of the United States, and the International Relations of the Pacific and the Far East.

A. L. P. Dennis, Ph.D. (Columbia), Professor; British Empire, Diplomatic History, Recent International Affairs.

W. L. Langer, Ph.D. (Harvard), Associate Professor; History of Continental Europe and the Near East; The Diplomatic History of the Pre-War Period.

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Columbia University

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"Political Science Quarterly" (History, Economics, Public Law and Social Science) I–XLII (1886–1926); "Studies in History

Economics and Public Law," I–CXXIV (1891–1926); "Records of Civilization," I–VI (1915–1926).

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The Departmental library, 20,000 volumes including the printed Colonial Record, Archives and Documents. Historical Society Collections and Proceedings of Massachusetts, New York, Pennsylvania, etc. About 70 files of periodicals, practically complete; 65 Indiana newspapers.

"University Studies." "Indiana Magazine of History." Owned and edited by the Department of History, I–XXII (1904–1926).

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H. Lasswell, Ph.D. (Chicago); Comparative Government.

University of Illinois

J. W. Garner, Ph.D. (Columbia), Professor; Political Theories; International Law.

J. A. Fairlie, Ph.D. (Columbia), Professor, Managing Editor, "American Political Science Review," I–XIX, 1925; Public Administration.

J. M. Mathews, Ph.D. (Johns Hopkins), Professor; Foreign Relations of the United States; State Government and Administration.

C. A. Berdahl, Ph.D. (Illinois), Assistant Professor; Political Parties.

University of Iowa

"Studies in Social Sciences," Louis Pelzer, Editor.

B. F. Shambaugh, Ph.D. (Pennsylvania), Professor and Head Department.

F. E. Horack, Ph.D. (Pennsylvania), Professor.

J. Van der Zee, M.A. (Oxford), J.D. (Iowa), Associate Professor.

H. K. Porter, Ph.D. (Chicago), Associate Professor.

J. E. Briggs, Ph.D. (Iowa), Assistant Professor.

University of Kansas

Special Collections: Municipal Reference Bureau, 794 books; 6,338 pamphlets. International City Managers' Association, and League of Kansas Municipalities have extensive manuscript files and records in the municipal field.

F. H. Guild, Ph.D. (Illinois); Legislation.

H. B. Chubb, A.M. (Columbia); Public Law.

University of Michigan

Bureau of Government collects government documents, specializing in field of city and local government.

J. S. Reeves, Ph.D. (Johns Hopkins); International Law and Diplomacy.

R. T. Crane, Ph.D. (Johns Hopkins); Political Theory.

T. H. Reed, LL.B. (Harvard); Municipal Administration.

J. R. Hayden, Ph.D. (Michigan); Colonial Administration.

E. S. Brown, Ph.D. (California); Constitutional History and Law.

University of Minnesota

C. D. Allin, A.M. (Harvard).

W. Anderson, Ph.D. (Harvard).

H. S. Quigley, Ph.D. (Wisconsin).

J. S. Young, Ph.D. (Chicago).

J. M. Gaus, Ph.D. (Harvard).

M. B. Lambie, Ph.D. (Harvard).

H. F. Kumm, S.J.D. (Harvard), M.A. (Minnesota).

University of Missouri

General Library, 235,000 volumes including Jacques Flach Collection, 6,000 volumes. Social Science Seminar: 3,000 volumes. Law Library: 25,000 volumes. Also Missouri State Historical Library, 83,000 volumes.

F. A. Middlebush, Ph.D. (Michigan); International Law and International Relations.

T. S. Barclay, Ph.D. (Columbia); Political Parties.

L. M. Short, Ph.D. (Illinois); Administration.

J. G. Heinberg, Comparative Governments.

University of Nebraska

Departmental collections, 6,000 volumes. Also documentary materials. Legislative Reference Bureau collection of pamphlets, reports, and special publications in State and local government.

State Library has 5,000 volumes in the field of Political Science. Notable collection of statutes: State, National, Canadian, Australian, South African, New Zealand, and Irish Free State.

Publications of the Nebraska Legislative Reference Bureau: "Bulletins," I–XIII (1912–1920).

H. G. James, J.D. (Chicago), Ph.D. (Columbia), Professor; Local Government and Latin American Government.

L. E. Aylsworth, A.M. (Wisconsin), Professor; State Government Legislation.

N. L. Hill, Ph.D. (Wisconsin), Assistant Professor; International Law.

C. M. Kneier, Ph.D. (Illinois), Assistant Professor; Local Government.

J. P. Senning, Ph.D. (Illinois), Professor; Public Law and Administration.

University of Pennsylvania

J. T. Young, Ph.D. (Halle-Wittenberg), Professor; Relation of Business and Government.

J. J. Sullivan, A.M. (St. Joseph's); LL.B. (Pennsylvania), Professor; Business Law.

J. C. Ballagh, Ph.D. (Johns Hopkins), Professor; Political Science.

C. L. King, Ph.D. (Pennsylvania), Professor; Public Finance.

H. T. Collings, Ph.D. (Yale), Professor; International Trade; Latin America.

W. P. Raine, A.M. (Pennsylvania), LL.M. (George Washington), Professor; Business Law.

R. S. Morris, Professor; International Law; Jurisprudence; Statesmanship.

C. H. Maxson, Ph.D. (Chicago), Assistant Professor; Legislative Methods.

A. F. MacDonald, Ph.D. (Pennsylvania), Instructor; Municipal Government.

University of Virginia

Departmental Library, 1,000 volumes.

B. Williams, Ph.D. (Johns Hopkins).

R. K. Gooch, Ph.D. (Oxford).

University of Wisconsin

F. A. Ogg, Ph.D. (Harvard); Editor of "American Political Science Review"; Comparative (especially European) Government, and History of Political Thought.

P. B. Potter, Ph.D. (Harvard); International Law, and International Organization.

W. R. Sharp, Docteur en droit (Bordeaux); Comparative Government, World Politics, Public Administration.

J. P. Harris, Ph.D. (Chicago); Municipal Government and Administration, Political Parties and Electoral Problems.

A. F. Saunders, M.A. (Wisconsin); American Political Theory; State Government and Local Rural Government.

Washington University

Departmental collections, 8,000 volumes in addition to documents (31,000 volumes).

"Washington University Studies," Humanistic Series.

A. J. Lien, Ph.D. (Columbia); Citizenship, American and Comparative Government, and International Organization.

I. Loeb, Ph.D. (Columbia); Constitutional Law, and American Government.

P. T. Fenn, Ph.D. (Harvard); International Law, and Political Theory.

C. W. McKenzie, M.A. (Columbia); Local Government, and Administration.

SOCIOLOGY

Child Welfare, Community Problems, Criminology, Delinquency, Educational Sociology, Ethnology, Family, Penology, Racial Psychology, Rural Sociology, Social Ethics, Social Institutions, Social Statistics, Social Theory, Social Hygiene, Social Pathology, Social Psychology, Social Technology, Surveys, Urban Sociology.

The Catholic University of America

Departmental library, 4,000 volumes.

"Charities Review," I–XI (1917–1927).

W. J. Kerby, Ph.D. (Louvain); Sociology.

J. O'Grady, Ph.D. (Catholic University); The Family; Criminology.

P. H. Furfey, Ph.D. (Catholic University); Social Theory; Social Problems of Childhood.

J. M. Cooper, Ph.D. (Rome); Cultural Anthropology.

Clark University

See Economics.

Cornell University

RURAL SOCIAL ORGANIZATION

D. Sanderson.

B. L. Melvin.

Harvard University

Departmental Collections: 37,000 volumes, 10,000 pamphlets; Social Ethics Library, 6,314 volumes. Special Collections: Charity, Crime, Housing, Labor Problems, Race Problems, Defectives, etc. The Social Service Library of the Boston School for Social Work, the Social Law Library, the Town Room, in addition to the Boston Public Library and State Library, are available.

R. C. Cabot, M.D. (Harvard), Professor of Clinical Medicine and of Social Ethics.

J. Ford, Ph.D. (Harvard), Associate Professor; Training of Professional Graduate Students in Social Work.

M. B. Hexter, Ph.D. (Harvard); Social Statistics.

S. Glueck, Ph.D. (Harvard); Criminology and Penology.

Indiana University

See Economics.

Northwestern University

A. J. Todd, Ph.D. (Yale); Family; Industrial Relations; Social Progress; Delinquency.

T. D. Eliot, Ph.D. (Columbia); Social Economy; Juvenile Delinquency; Social and Mental Hygiene; Social Psychology.

W. L. Bailey, M.A. (Queen's); Community Organization and Problems; Rural Sociology; Urban Sociology; Surveys.

Ohio State University

J. E. Hagerty, Ph.D. (Pennsylvania), Professor; Penology.

F. E. Lumley, Ph.D. (Yale), Professor; Social Control.

H. A. Miller, Ph.D. (Harvard), Professor; Race Problems and Race Relations.

C. C. North, Ph.D. (Chicago), Professor; Philosophy of Social Welfare; Movements and Community Organization.

Mary Louise Mark, A.M. (Columbia), Professor; Community Survey.

University of California

F. J. Teggart, A.B. (Stanford), Professor.

University of Chicago

Social Science Library. Special Collections: Library of Albion W. Small, 1,500 volumes.

Social Research Laboratory.

"The American Journal of Sociology," Bi-monthly, I–XXXII (1895–1926).

E. Faris, Ph.D. (Chicago); Social and Racial Psychology.

R. E. Park, Ph.D. (Heidelberg); Social and Racial Psychology.

E. W. Burgess, Ph.D. (Chicago); Social Institutions; Social Pathology.

F. C. Cole, Ph.D. (Columbia); Ethnology; Physical Anthropology.

E. Sapir, Ph.D. (Columbia); Linguistics, Ethnology.

L. Wirth, Ph.D. (Chicago); General Sociology.

W. F. Ogburn, Ph.D. (Columbia); Quantitative Sociology.

L. L. Bernard, Ph.D. (Chicago); General Sociology; Rural Sociology.

University of Illinois

E. C. Hayes, Ph.D. (Chicago), Professor; Bases of Social Theory; Educational Sociology.

University of Iowa

Child Welfare

B. T. Baldwin, Ph.D. (Harvard); Director, Child Welfare Research Station. "Studies in Child Welfare."

Amy L. Daniels, Ph.D. (Yale), Professor of Nutrition, Iowa Child Welfare Research Station.

University of Kansas

F. W. Blackmar, Ph.D. (Johns Hopkins); Anthropology.

S. Eldridge, Ph.D. (Columbia); Social Aspects of Politics.

V. E. Helleberg, LL.B. (Yale); Social Psychology.

S. A. Queen, Ph.D. (Chicago); Social Pathology and Social Technology.

University of Michigan

C. H. Cooley, Ph.D. (Michigan); Psychological Sociology.

A. E. Wood, Ph.D. (Pennsylvania); Community Problems; Criminology; Social Service Administration.

L. J. Carr, Ph.D. (Michigan); Psychological Study of Group Processes.

R. C. Angell, Ph.D. (Michigan); The Sociology of Education, especially of Universities.

University of Minnesota

F. S. Chapin, Ph.D. (Columbia).

P. A. Sorokin, Doctor of Sociology (Petrograd).

E. H. Sutherland, Ph.D. (Chicago).

W. D. Wallis, Ph.D. (Pennsylvania).

R. L. Finney, Ph.D. (Boston).

G. A. Lundquist, A.M. (Harvard).

Mildred D. Mudgett, A.B. (Mt. Holyoke).

E. L. Clarke, Ph.D. (Columbia).

Joanna C. Colcord, M.S. (Maine).

University of Missouri

General Library: 235,000 volumes including Jacques Flach Collection, 6,000 volumes. Social Science Seminar: 3,000 volumes.

C. A. Ellwood, Ph.D. (Chicago); General Sociology Theory; Anthropology.

E. L. Morgan, A.M. (Wisconsin); Rural Sociology; Rural Community Organization.

A. F. Kuhlman, A.M. (Chicago); Criminology; Social Research.

University of North Carolina

Institute for Research in Social Science, which now has more than twenty research assistants whose inquiries are directed by the several men in the departments of Economics, History, Government, Sociology, Social Psychology, Education, Rural Social Economics. Minimum requirement for a research assistantship is a graduate degree. Subjects under investigation include: Folk background studies, special negro studies, studies of industrial relationships, county government, municipal government, political currents, social attitudes, crime, poor relief, general public welfare, transportation, taxation, social work, physical and mental measurements of children and other State and Southern regional problems.

The School of Public Welfare and Department of Sociology in Alumni Building (1898). Institute for Research in Social Science in same building.

"Social Forces," I–V.

J. F. Steiner, Ph.D. (Chicago); Social Technology including Social Pathology, Community Organization, Professional Social Work; Director of Studies on Crime, Institute for Research in Social Science.

H. W. Odum, Ph.D. (Clark and Columbia); General Sociology and Folk Sociology. Editor, "Social Forces."

H. D. Meyer, A.M. (Georgia); Social Problems and Playground and Recreation.

W. B. Sanders, Ph.D. (Chicago); Juvenile Delinquency; Child Welfare; Family Case Work.

University of Pennsylvania

C. Kelsey, Ph.D. (Pennsylvania), Professor; Social Institutions.

J. P. Lichtenberger, Ph.D. (Columbia), Professor.

J. H. S. Bossard, Ph.D. (Pennsylvania), Professor; Social Pathology.

S. A. Rice, Ph.D. (Columbia), Professor; Social Research, especially application of Quantitative Methods of Research in Political Science.

T. Sellin, Ph.D. (Pennsylvania), Assistant Professor.

D. Young, Ph.D. (Pennsylvania), Assistant Professor; Population; Race Relations.

University of Virginia

Departmental library, 1,000 volumes.

Institute of Social Sciences publishes research.

F. N. House, Ph.D. (Chicago).

Washington University

Departmental library, 3,000 volumes, exclusive of public documents. Missouri School of Social Economy library, 1,500 volumes.

W. B. Bodenhafer, Ph.D. (Chicago); Social Theory.

F. J. Bruno, B.D. (Yale); Social Work.

LANGUAGES AND LITERATURES

General Linguistics.
Phonetics.
Indo-European Comparative Philology.
Oriental Languages and Literatures:
- Indic Languages (Sanskrit, Pali).
- Iranian Languages (Avestan, Old Persian, Modern Persian, etc.).
- Semitic, Egyptian, Chinese, Japanese and other Oriental Languages.

Greek and Latin Languages and Literatures (including New Testament and Early Christian Literature).
Romance Languages and Literatures: (Mediæval Latin, Old French, Provençal, French, Spanish, Portuguese, Italian).
Germanic Languages and Literatures: (Gothic, Old and Middle High German, German, Dutch).
Scandinavian (Old Icelandic, Old Norse, Old Swedish, Norwegian, Danish, Scandinavian Paleography). See Germanic.
English Language and Literature (Old English, Middle English, American English, Bibliography, etc.).
Celtic Languages and Literature.
Slavic and Baltic Languages and Literatures (Russian, Polish, Lithuanian, etc.).
Other Languages (American Indian Languages, etc.).
Comparative Literature (General Literature, Literature in English).

GENERAL LINGUISTICS

Columbia University

L. H. Gray, Professor; Linguistics, especially as applied to Near-Eastern and Indian Languages.

Ohio State University

G. M. Bolling, Ph.D. (Johns Hopkins), Professor; Chairman of editorial board of "Language"; Linguistics.

Princeton University

E. Y. Robbins.
See Greek and Latin.

University of Chicago

Departmental Library, 6,000 volumes.

C. B. Buck, Ph.D. (Yale), Professor; Comparative Philology; Indo-European Comparative Philology; Greek Dialects; Italic Dialects.

E. Sapir, Ph.D. (Columbia), Associate Professor; Anthropology and American Indian Languages; General Linguistics.

L. Bloomfield, Ph.D. (Chicago); General Linguistics; Germanic Languages.

Yale University

See Greek and Latin.

E. H. Sturtevant, Ph.D. (Chicago), Associate Professor; Linguistics and Comparative Philology.

PHONETICS

University of Chicago

C. E. Parmenter, Ph.D. (Chicago), Associate Professor; Romance Languages.

M. Sprengling, Ph.D. (Chicago), Associate Professor; Semitic Languages and Literature.

E. Sapir, Ph.D. (Columbia), Associate Professor; Anthropology and American Indian Languages.

University of Michigan

Phonetics laboratory in Angell Hall cooperates with Psychology Laboratory.

J. H. Muyskens, Ph.D. (Michigan); Phonetics.

University of Wisconsin

Mrs. C. H. Greenleaf, B.L. (California); B. Supérieur (Paris).

Yale University

E. H. Sturtevant, Ph.D. (Chicago), Associate Professor; Linguistics and Comparative Philology.

C. C. Clarke, B.A. (Yale), Professor; French.

INDO-EUROPEAN COMPARATIVE PHILOLOGY

Columbia University

L. H. Gray, Ph.D. (Columbia), Professor; Oriental Languages; Comparative Philology.

Indiana University

Departmental Library, 1,000 volumes.

G. H. Stempel, A.M. (Wisconsin), Professor; Comparative Grammar (Indo-European and Germanic); History of English Language.

Johns Hopkins University

M. Bloomfield, Ph.D. (Johns Hopkins), Professor; Sanskrit and Comparative Philology.

H. Collitz, Ph.D. (Göttingen), Professor; Germanic Philology.

Princeton University

Comparative and Oriental Philology, 12,000 volumes. "Princeton Oriental Texts" (first volume 1927).

H. H. Bender, Ph.D. (Johns Hopkins), Professor; Coeditor of "Princeton Oriental Texts"; Sanskrit; Lithuanian; Indo-European Philology.

University of Chicago

C. D. Buck, Ph.D. (Yale), Professor; Comparative Philology.

University of North Carolina

E. C. P. Metzenthen, Professor; German; Comparative Philology.

University of Pennsylvania

Pott Library of Philology.

R. G. Kent, Ph.D. (Pennsylvania), Professor; Comparative Philology; Philology of Latin and Greek and their Dialects.

W. N. Brown, Ph.D. (Johns Hopkins), Professor; Fiction of India.

Yale University

See Greek and Latin.

F. Edgerton, Ph.D. (Johns Hopkins), Professor; Sanskrit and Comparative Philology.

E. H. Sturtevant, Ph.D. (Chicago), Associate Professor; Linguistics and Comparative Philology.

ORIENTAL LANGUAGES AND LITERATURES

Indic Languages

Columbia University

See Iranian Languages.

A. V. W. Jackson, Ph.D., Professor; Indo-Iranian Languages; Sanskrit; Avestan; Old Persian; Pahlavi; and their literatures.

Harvard University

Library of Indic Philology, Sanskrit, 986 volumes. "Harvard Oriental Series" (32 volumes published 1891–1925).

C. R. Lanman, Ph.D. (Yale), Professor Emeritus; Sanskrit; Editor of "Harvard Oriental Series."

J. U. Woods, Ph.D. (Strassburg), Professor; Pali; Sanskrit.

B. Faddegon, Ph.D. (Leyden), Professor; Sanskrit and Comparative Philology, University of Amsterdam. Visiting Lecturer, Harvard, 1926–27; Sanskrit.

Johns Hopkins University

M. Bloomfield, Ph.D. (Johns Hopkins), Professor; Sanskrit, Comparative Philology.

Princeton University

E. Y. Robbins, A.M. (Princeton); Sanskrit, Greek.

H. H. Bender, Ph.D. (Johns Hopkins), Professor; Coeditor of "Princeton Oriental Texts"; Sanskrit; Lithuanian; Indo-European Philology.

University of California

A. W. Ryder, Ph.D. (Leipzig), Professor; Sanskrit.

University of Chicago

W. E. Clark, Ph.D. (Harvard), Professor; Sanskrit; Language, Literature and Civilization of India.

Yale University

F. Edgerton, Ph.D. (Johns Hopkins); Sanskrit, Pali, Prakrit, Religions and Philosophies of India.

Iranian Languages

Columbia University

Indo-Iranian Library, 8,333 volumes. Special Collection of Avestan, Pahlavi, Parsi-Persian MSS. (12); palm-leaf MSS. of Buddhist works (4); Modern Persian MSS.; Armenian MSS.

"Columbia University Indo-Iranian Series," I–XII (1902–1927).

A. V. W. Jackson, Ph.D. Professor; Indo-Iranian Languages, Avestan, Old Persian.

C. J. Ogden, Ph.D. Honorary Lecturer; Indo-Iranian Languages.

Asadollah Beijan, A.M. (Columbia); University Extension Lecturer; Modern Persian.

University of Chicago

C. D. Buck, Ph.D. (Yale); Avestan, Old Persian.

M. D. Sprengling, Ph.D. (Chicago); Persian.

Semitic, Egyptian, Chinese, Japanese, and other Oriental Languages

See Dropsie College, Part Two.

Catholic University of America

Departmental collection, 20,000 volumes.

"The Corpus Scriptorum Christianorum Orientalium," I–XC (1903–1927), in collaboration with University of Louvain.

H. Hyvernat, B.L. (University of France), S.T.D. (Rome); Coptic.

A. A. Vaschalde, Ph.D. (Catholic University); Syriac and Arabic.

R. Butin, Ph.D. (Catholic University); Hebrew and Ethiopic.

Columbia University

Departmental collection, 14,150 volumes dealing with Semitic Languages; 350 Hebrew Mss. and 73 Arabic ones. In addition, advanced students have use of Professor Gottheil's private library of 10,000 volumes.

Special collection, Temple Emanuel Biblical and post Biblical books.

"Columbia University Oriental Studies," I–XXIII (1902–1926). "Contributions to Oriental History and Philology," I–XII (1908–1926).

R. J. H. Gottheil, Ph.D. (Leipzig); Syriac, Hebrew, Arabic.

J. A. Bener, Ph.D. (Columbia), D. Theol. (Göttingen); Professor; Old Testament History and Theology in Union Theological

Seminary; Biblical Criticism and Old Testament History.

E. G. H. Kraeling, Ph.D. (Columbia), Instructor; Biblical Theology at Union Theological Seminary.

S. Rosenblatt; Gustav Gottheil Lecturer in Semitic Languages; Rabbinic Literature.

J. D. Prince, Ph.D. (Johns Hopkins), Professor; Slavonic Languages; Assyriology.

N. N. Martinovitch, Ph.D. (Petrograd), Lecturer in Slavonic Languages; Arabic Language and Literature; Turkish Language and Literature.

L. H. Gray, Professor; Oriental Languages; Linguistics, especially as applied to Near-Eastern and Indian Languages.

Cornell University

N. Schmidt.

Harvard University

"Harvard Semitic Series," I–IV (1912–1924).

J. R. Jewett, Ph.D. (Strassburg), Professor; Arabic Language and Literature.

W. R. Arnold, Ph.D. (Columbia), Professor; Old Testament Interpretation.

H. A. Wolfson, Ph.D. (Harvard), Professor; Jewish Literature and Philosophy.

R. H. Pfeiffer, Ph.D. (Harvard); Hebrew and Assyriology.

W. Thomson, Ph.D. (Harvard); Arabic and Syriac.

Princeton University

University Library, Comparative and Oriental Philology, about 12,000 volumes; Oriental, general, about 20,000 volumes. Special Collections: Oriental Seminary, about 12,000 volumes, including the Paton Collection of Oriental Philology and History, comprising 3,000 volumes; The Brunnow Library of Oriental Literature, 7,500; Cuneiform clay tablets, chiefly Babylonian and Assyrian, 700; The Garrett Collection of Oriental Manuscripts (lent by Robert Garrett, Esq.), 2,500 manuscripts in twenty-six languages, chiefly in Arabic. Periodicals in comparative and Oriental Philology, over 100, including some duplicates.

Theological Seminary Library, 122,126 volumes. Special Collection, Semitic Language Collection, over 1,000 volumes.

"Princeton Oriental Texts," Volume I (1927).

See Greek and Latin, German, History.

E. Y. Robbins, A.M. (Princeton); Greek and Sanskrit.

H. H. Bender, Ph.D. (Johns Hopkins); Coeditor of "Princeton Oriental Texts;" Sanskrit, Lithuanian, Indo-European Philology.

P. K. Hitti, Ph.D. (Columbia); Coeditor, "Princeton Oriental Texts;" Arabic, Syriac, Islam.

R. D. Wilson, Ph.D. (Princeton); Semitic Philology and Old Testament Criticism.

O. T. Allis, Ph.D. (Berlin); Editor, "Princeton Theological Review;" Semitic Philology; Arabic, Syriac.

University of California

"Semitic Philology," I (1907–23); "Abu l'Mahasin Ibn Taghri Birdi's Annals," I–VII (1909).

W. Popper, Ph.D. (Columbia), Professor.

J. F. Lutz, Ph.D. (Yale), Associate Professor.

E. T. Williams, M.A. (Bethany), Professor; Chinese.

J. Fryer, LL.D. (Alfred), Professor; Oriental Languages.

Y. S. Kuno, M.S. (California), Assistant Professor; Japanese.

University of Chicago

The greater part of the historical and literary books are in the Divinity Library in Swift Hall. The technical and linguistic books are in Haskell Oriental Museum. There are 16,000 books in the two collections.

Haskell Oriental Museum, worth approximately $150,000, is filled with a constantly increasing collection of archæological materials from the Near East. An especially valuable feature of its collection will be the materials obtained from the department's excavations at Megiddo in Palestine.

"The American Journal of Semitic Languages and Literatures," I–XLII, edited by J. M. Powis Smith, and "The Biblical World," I–LIV, edited by W. R. Harper.

J. H. Breasted, Ph.D. (Berlin); Egyptology and Ancient History.

J. M. P. Smith, Ph.D. (Chicago); Old Testament.

D. D. Luckenbill, Ph.D. (Chicago); Babylonian and Assyrian.

M. Sprengling, Ph.D. (Chicago); Arabic Language and Islam.

W. C. Graham, Ph.D. (Chicago); Old Testament and Syriac.

T. G. Allen, Ph.D. (Chicago); Hieroglyphic Language and Literature.

F. W. Geers, Ph.D. (Chicago); Assyrian and Babylonian.

H. H. Nelson, Ph.D. (Chicago); Hieroglyphic Language and Literature.

A. H. Gardner, Egyptian Language and Literature.

University of Michigan

L. Waterman, Ph.D. (Chicago), Professor; Assyrian and Old Testament.

W. H. Worrell, Ph.D. (Strassburg), Assistant Professor; Arabic and Coptic.

University of Pennsylvania

J. A. Montgomery, Ph.D., S.T.D. (Pennsylvania), Professor; Semitics.

G. A. Barton, Ph.D. (Harvard), Professor; Semitic Language and the History of Religion.

E. Chiera, Ph.D. (Pennsylvania), B.D., Professor; Excavation near Kerkuk (Iraq).

University of Virginia

Departmental Library, 5,000 volumes.

W. M. Forrest B.A. (Hiram); Biblical Literature and History.

Yale University

University Library has 12,000 volumes related to this field; departmental library, 1,450 volumes.

Special Collections: Landberg Collection of Arabic manuscripts, 842 volumes. The Oriental Library of Professor Edward E. Salisbury, 5,000 volumes, including 90 volumes of Arabic Mss., many of them from the library of Silvestre de Sacy and, in some cases, annotated by him. In the departments of Arabic and Sanskrit there are practically all the works of importance edited by European scholars up to 1871. The collection contains also many of the publications of the native Arabic and Indian presses. The Judaica Collection, 6,000 volumes, composed of the Alexander Kohut memorial collection, which is especially strong in the Talmud, Midrash, Rabbinic responsa of the older Rabbis, Codes of Law, Homiletics, Liturgy, and Dogmatic Theology; History of the Jews and of Palestine; Hebrew Philology; the Dr. Selah Merrill collection of works by and about Flavius Josephus, 1,100 volumes; modern Yiddish literature, 700 volumes; Jewish periodicals in Hebrew, Yiddish, and European languages. The Library of the American Oriental Society, 7,000 volumes. The Babylonian Collection, 2,800 volumes and 10,000 original tablets. The tablets belong to the various periods in Babylonian history, from about 4000 to 150 B. C., and include literary texts (epics and liturgies), syllabaries or dictionaries, mathematical treatises and different kinds of exercises from temple schools, divination texts, legal and business transactions, etc. The James B. Nies tablets, seal cylinders, and other antiquities, 5,200 in number; and the J. P. Morgan Loan Collection, 2,540 tablets, and a few other Assyrian antiquities.

Fifty-eight departmental periodicals (not including the transactions, etc., of learned societies.)

B. W. Bacon, M.A. (Yale); The New Testament.

G. Dahl, Ph.D. (Yale), Professor of Old Testament Literature on the Samuel Holmes Foundation; Old Testament Literature.

R. P. Dougherty, Ph.D. (Yale), Professor; Assyriology and Babylonian Literature; Curator of the Babylonian Collection.

F. C. Porter, Ph.D. (Yale); Winkley Professor of Biblical Theology; Semitic and Biblical Languages and Literatures.

C. C. Torrey, Ph.D. (Strassburg), Professor; Semitic Languages.

Ettalene M. Grice, Ph.D. (Yale), Assistant Professor; Assyriology and Babylonian Literature; Acting Curator of the Babylonian Collection; Assyrian, Babylonian and Sumerian Languages.

GREEK AND LATIN LANGUAGES AND LITERATURES

(Including New Testament and Early Christian Literature)

Catholic University of America

Departmental collection, 11,000 volumes.

"Patristic Studies," I–XIV (1922–27).

R. Deferrari, Ph.D. (Princeton); Latin and Greek.

J. M. Campbell, Ph.D. (Catholic University); Latin and Greek.

G. Reynolds, Ph.D. (Catholic University); Latin and Greek.

M. R. P. McGuire, A.M. (Catholic University); Latin and Greek.

New Testament and Early Christian Literature

Departmental Collection, 2,300 volumes.

"New Testament Studies," I–V (1920–1923).

F. Coln, Ph.D. (Berlin); Old Testament.

H. Schumacher, S.T.B. (Freiburg i. Br.); New Testament.

R. Butin, Ph.D. (Catholic University); Biblical Archæology.

Columbia University

Departmental collection, 6,000 volumes; Olcott Collection, 400 volumes; Earle Collection, 2,000 volumes; Phœnix Collection, 400 volumes. In addition some 37,000 volumes on classical subjects in other libraries of the university. Olcott collection of coins. Olcott Memorial Collection contains laboratory collection of Latin inscriptions and Roman antiquities. Unpublished papyri of Department of History.

See also Art and Archæology.

E. D. Perry, Ph.D. (Tübingen); The Interpretation of the Ancient Literature of Greece on the Basis of the Language and the Presentation of Some of the Most Important Aspects of Greek Life and Thought.

J. C. Egbert, Ph.D. (Columbia); Roman Archæology and Epigraphy.

N. G. McCrea, Ph.D. (Columbia); Hon.D. (Padua); Roman Philosophy, especially Lucretius and Cicero.

G. Lodge, Ph.D. (Johns Hopkins); Early Roman Comedy; Pedagogy of Classical Instruction.

C. H. Young, Ph.D. (Columbia); Greek Archæology, Antiquities and Epigraphy, especially Greek Sculpture and Greek Costume.

C. Knapp, Ph.D. (Columbia); Roman Comedy; Roman Satire; Vergil; Aspects of Roman Life with Special Reference to the Roman Theatre, and Correlation of Ancient and Modern Life.

F. G. Moore, Ph.D. (Yale), L.H.D. (Trinity); Latin Prose Style and Rhetoric, especially the History of the Former; Cicero, especially the Orations and the Philosophical Works; Tacitus; Horace and the Elegiac Poets; Latin Composition; Topography and Monuments of Rome; Roman Civilization in Its Relation to the World of To-day.

LaRue Van Hook, Ph.D. (Chicago); Greek Literature and Civilization.

C. W. Keyes, Ph.D. (Princeton); Greek Literature in Greek and in English Translation, especially Greek Tragedy; Methods of Research in the Classical Field; Constitutional, Economic and Social History of Rome (especially the Roman Empire), on the basis of Greek Papyri and Latin and Greek Inscriptions.

S. Murray, Jr., Ph.D. (Princeton); Early Christian Art; Italian Renaissance Art.

Cornell University

H. C. Elmer.

C. L. Durham.

E. P. Andrews.

H. L. Jones.

J. P. Mountford.

H. Caplan.

Harvard University

Departmental collection, 43,000 volumes. "Harvard Studies in Classical Philology," I-XXXVII (1890–1926).

See also Indic Languages, History, Fine Arts.

C. H. Moore, Ph.D. (Munich), Professor; Latin Literature. Editor of "Harvard Studies in Classical Philology."

C. B. Gulick, Ph.D. (Harvard), Professor; Greek Literature.

E. K. Rand, Ph.D. (Munich), Professor; Latin, Latin Literature, History of Classical Culture in the Middle Ages.

R. S. Conway, Litt.D. (Cambridge), Hulme Professor of Latin in Victoria University, Manchester, England.

E. E. Sikes, M.A. (Cambridge); Latin Literature.

C. N. Jackson, Ph.D. (Harvard), Professor; Greek Literature.

C. R. Post, Ph.D. (Harvard), Professor; Greek and Fine Arts.

W. C. Greene, Ph.D. (Harvard), Assistant Professor; Greek and Latin Literature.

J. Whatmough, M.A. (Cambridge), Assistant Professor; Comparative Philology. Coeditor of "Liber Glossarum."

J. B. Titchener, Ph.D. (Illinois); Greek and Latin Literature.

Indiana University

Greek collection, 6,000 volumes; Latin, 3,000 and pamphlets and theses. Special collections: Livy, Pliny the Younger; occasional volumes on classical subjects, in "University Studies."

See also Fine Arts, Comparative Philology, History, Romance, English, Philosophy.

F. W. Tilden, A.M. (Harvard), Professor; Greek.

S. E. Stout, Ph.D. (Princeton), Professor; Latin; Palæography and Text Criticism; Roman History and Institutions.

Lillian G. Berry, A.M. (Indiana); Roman Topography; The Latin Romance.

Northwestern University

Departmental collection, 10,000 volumes, including Johannes Schultze Library. Greenleaf Collection, 11,246 volumes.

O. F. Long, Ph.D. (Johns Hopkins), Professor; Latin; Latin Language, especially of the Golden Age.

J. A. Scott, Ph.D. (Johns Hopkins), Professor; Greek; Greek Language and Literature, especially Homer and Herodotus.

J. C. Murley, Ph.D. (Chicago); Greek Philosophy and Roman Religions.

Ohio State University

M. B. Ogle, Ph.D. (Johns Hopkins), Professor; Classical Literature.

W. S. Elden, Ph.D. (Michigan), Professor; Latin; Latin Satire.

Princeton University

University Library (1926–27) about 600,000 volumes. Junius S. Morgan Vergil collection, Robert W. Patterson Horace collection, nearly 300 Greek papyri (many still undeciphered), four Greek manuscripts, and about fifty Latin manuscripts (including those of the Robert Garrett deposit). The Library receives nearly one hundred periodicals devoted exclusively to classical antiquity or containing occasional articles of value in this field. The four rooms of the Classical Seminary are in the Library building, and open directly into the stacks. The Seminary contains a departmental library of about 8,500 volumes and 2,500 pamphlets (dissertations, etc.) including complete sets of many of the most important periodicals. The library of the Princeton Theological Seminary (115,000 volumes) is open to graduate students. Besides the collections of the Museum of Historic Arts (pottery, gems, coins, etc.) there is an Epigraphical Museum containing a large collection of squeezes, some casts and a few originals, mostly of Greek inscriptions, but some in Latin, and a few representing eight other ancient languages of the nearer East, illustrating the origin and development of alphabets.

See also Philosophy, Art and Archæology, History, General Linguistics, Indo-European Comparative Philology, Indic Languages, and Modern Languages.

E. Y. Robbins, A.M. (Princeton); Comparative Philology and Linguistics.

W. K. Prentince, Ph.D. (Halle); Greek History and Economics.

D. R. Stuart, Ph.D. (Michigan); Greek and Latin Literature.

E. Capps, Ph.D. (Yale); Greek Language and Literature. American Editor of the "Loeb Classical Library."

D. Magie, Ph.D. (Halle); Roman History and Institutions.

F. L. Hutson, Ph.D. (Chicago); Greek Literature.

A. C. Johnson, Ph.D. (Johns Hopkins); Greek and Roman History and Epigraphy, and Roman Law.

A. L. Wheeler, Ph.D. (Yale); Latin Literature and Language.

J. W. Basore, Ph.D. (Johns Hopkins); Latin Literature.

S. H. Weber, Ph.D. (Princeton); Greek and Latin Literature.

P. E. More, A.M. (Washington University and Harvard); Greek Philosophy.

Stanford University

Departmental library, 15,000 volumes. Special collections, Minton Warren Collection (Terence), Corpus Inscriptionum Latinarum, etc.

J. Elmore, Ph.D. (Stanford); Greek and Roman History.

H. R. Fairclough, Ph.D. (Johns Hopkins); Greek and Roman Literature; Classical Archæology.

B. O. Foster, Ph.D. (Harvard); Roman Literature.

A. T. Murray, Ph.D. (Johns Hopkins); Greek Literature.

E. W. Martin, Ph.D. (Stanford); Greek Literature and Antiquities.

University of California

Classical collection, 20,000 volumes and 1,000 dissertations and pamphlets. University Museum replicas and casts of Greek and Greco-Roman sculptures, Greek and Roman medals and coins.

Sather professorship of Classical Literature provides for annual visiting professor.

"University of California Publications in Classical Philology," I–IX (1904–27).

J. T. Allen, Ph.D. (Yale), Professor; Greek.

G. M. Calhoun, Ph.D. (Chicago), Professor; Greek.

I. M. Linforth, Ph.D. (California), Professor; Greek.

I. Flagg, Ph.D. (Göttingen), Professor; Greek.

R. M. Jones, Ph.D. (Chicago), Associate Professor; Greek.

O. M. Washburn, A.B. (Hillsdale); Associate Professor; Greek, Latin.

M. E. Deutsch, Ph.D. (California), Professor; Latin.

W. A. Merrill, Ph.D. (Ohio State), Professor; Latin.

H. C. Nutting, Ph.D. (Yale), Professor; Latin.

L. J. Richardson, A.B. (Michigan), Professor; Latin.

C. Price, Ph.D. (Yale), Associate Professor; Latin.

University of Chicago

In the Classics Building, Hiram Kelly Memorial, erected in 1915 at a cost of $275,964, is the classical library, including Greek and Latin, which contains over 42,750 volumes, books and dissertations. The library of Sanskrit and Comparative Philology housed with it contains nearly 6,000 volumes. Special collection: Greek legal antiquities.

"Studies in Classical Philology," I–IV (1895–1907). "Classical Philology," a quarterly journal devoted to research in the languages, literature, history and life of classical antiquity, I–XXI (1906–1926) and in progress.

Greek

P. Shorey, Ph.D. (Munich); Greek Philosophy and Drama.

R. J. Bonner, Ph.D. (Chicago); Greek History and Legal Institutions.

C. H. Beeson, Ph.D. (Munich); Palæography, Mediæval Latin.

Latin

G. J. Laing, Ph.D. (Johns Hopkins) Roman Religion, Roman Private Antiquities.

H. W. Prescott, Ph.D. (Harvard); Literary Types, especially Ancient Comedy and Epic, Relation of Latin and Greek Literatures, Interpretation of Various Authors.

B. L. Ullman, Ph.D. (Chicago); Manuscript Tradition, especially of Tibullus and Catullus; History of Roman Satire; Interpretation of Various Authors.

New Testament and Early Christian Literature

The library of the Department is included in the Divinity Library of 100,000 volumes, which includes the library of Professor N. W. Hengstenberg of Berlin, the American Bible Union Library, a translation collection especially rich in early printings of the Hebrew and Greek Bible and ancient and modern versions, and those parts of the Berlin Calvary Library which bear upon the Biblical field.

"Historical and Linguistic Studies in Literature Related to the New Testament."

E. J. Goodspeed, Ph.D. (Chicago).

C. W. Votaw, Ph.D. (Chicago).

S. J. Case, Ph.D. (Yale).

B. W. Robinson, Ph.D. (Chicago).

H. R. Willoughby, Ph.D. (Chicago).

D. W. Riddle, Ph.D. (Chicago).

University of Illinois

Classics Library: 23,000 volumes. Dittenberger Collection, 5,600 items.

W. A. Oldfather, Ph.D. (Munich), Professor; Greek Inscriptions; Latin Paleography; Editor, "University Studies in Language and Literature."

B. E. Perry, Ph.D. (Princeton), Assistant Professor; The Greek Romance; Lucretius; The Latin Romance.

H. V. Canter, Ph.D. (Johns Hopkins), Professor; Roman Oratory; Vergil; Latin Satire.

University of Kansas

A. T. Walker, Ph.D. (Chicago); Editor of "Classical Journal;" Syntactical Investigation.

Mary A. Grant, Ph.D. (Wisconsin); Archæology.

Lillian B. Lawler, Ph.D. (Iowa); Pedagogy of Latin; Archæology.

University of Michigan

Classics included in general library. Special collection: Papyrology, 4,000 papyri; 100 Greek Mss.; small but typical collection of Greek vases; Greek inscriptions; objects representative of culture of Greco-Roman Egypt excavated at Karanis in Egypt by expedition conducted by University of Michigan.

"University of Michigan Humanistic Studies," I–XVI (1905–1927). XVII–XXI in press.

C. Bonner, Ph.D. (Harvard), Professor; Greek Literature, Papyrology.

J. G. Winter, Ph.D. (Michigan), Professor; Greek and Latin Literature; Classical Archæology; General Papyrology; History of Ancient Science.

W. E. Blake, Ph.D. (Harvard), Instructor; Menander and the New Comedy.

J. E. Dunlap, Ph.D. (Michigan), Assistant Professor; Teaching of Latin; Letters of Symmachus, suggested by a manuscript of this author in the collection of the University of Michigan.

F. W. Kelsey, Ph.D. (Rochester); Roman Literature, Archæology, Pompeii.

H. A. Sanders, Ph.D. (Munich); Palæography; Sources of Ancient Historians; Biblical Text Studies.

C. L. Meader, Ph.D. (Michigan); Comparative Philology; Linguistics; Phonetics; Russian.

J. H. Muyskens, Ph.D. (Michigan); Phonetics.

Orma Butler, Ph.D. (Michigan); Antiquities; Ancient Coins; Pompeii.

University of Minnesota

C. A. Savage, Ph.D. (Johns Hopkins); Greek.

J. B. Pike, M.A. (Minnesota); Latin.

R. V. Cram, Ph.D. (Harvard); Latin.

University of Missouri

General Library, 235,000 volumes, including Abbe Paul Lejay Collection, 6,000 volumes.

"Literary and Linguistic Series," I–II, 1909–1911.

W. Miller, A.M. (Michigan); Classical Philology; Classical Antiquities.

Eva Johnston, Ph.D. (Koenigsberg); Roman Rhetoric.

University of North Carolina

G. Howe, Ph.D. (Halle); Associate Editor, "Classical Journal;" Associate Editor, "Studies in Philology;" Latin Literature, particularly the Augustan Poets.

W. S. Bernard, A.M. (North Carolina); Greek Dramatic Literature; Plato.

G. A. Harrer, Ph.D. (Princeton); Latin Epigraphy; Roman History and Administration in the Early Empire.

S. G. Sanders, A.M. (Princeton); Roman Biography.

University of Pennsylvania

John W. Faires Memorial Library of Classical Philology.

"University of Pennsylvania Publications in Philology and Literature," I–VIII.

W. N. Bates, Ph.D. (Harvard), Professor; Excavations at Asclepieum, Athens; Explorations in Greece, Asia Minor, Crete and Egypt.

H. L. Crosby, Ph.D. (Harvard), Professor; Homer; Greek Comedy; Greek private life.

W. W. Hyde, Ph.D. (Halle), Professor; Archæology.

J. C. Rolfe, Ph.D. (Cornell), Professor; Latin literature; Epigraphy.

W. B. McDaniel, Ph.D. (Harvard), Professor; Roman Private Life.

R. G. Kent, Ph.D. (Pennsylvania), Professor; Philology of Latin and Greek and their dialects.

G. D. Hadzsits, Ph.D. (Michigan), Professor; Lucretius; Roman Religion.

H. B. Van Deventer, Ph.D. (Yale), Professor; Latin.

E. H. Heffner, Ph.D. (Pennsylvania), Professor; Roman Public Antiquities; Early Christian Literature.

The University of Wisconsin

G. C. Fiske, Ph.D. (Harvard); Roman Religion; Rhetoric.

A. G. Laird, Ph.D. (Cornell), Professor former editor, "Classical Journal;" Comparative Grammar; Greek Syntax.

G. Showerman, Ph.D. (Wisconsin); Latin Literature; Classical Art.

Katharine Allen, Ph.D. (Wisconsin) Latin Literature and Literary Criticism.

K. Scott, Ph.D. (Wisconsin); Latin Epigraphy.

University of Virginia

Classical library, 9,000 volumes.

R. H. Webb, Ph.D. (Harvard), Professor Greek.

T. Fitzhugh, M.A. (Virginia), Professor Latin.

L. Lehman, Ph.D. (Virginia); Latin.

Washington University

Classical library, 14,000 volumes. Wulfing Collection in Numismatics and Classica Archæology, 1,000 volumes.

Saalburg Collection of Roman Antiquities. Wulfing Collection of Mycenæan replicas. Wulfing Collection of Greek an Roman Coins.

A large and valuable collection, includin Greek vases, busts, casts, mosaics, model and replicas now on deposit in the City A Museum belong to the University.

"Washington University Studies—Humanistic Series," I–XIII (1913–1926).

G. R. Throop, Ph.D. (Cornell); Ep Poetry; Dramatic Poetry; Inscriptions an Dialects.

T. S. Duncan, Ph.D. (Johns Hopkins Greek Oratory; Greek Philosophy; Latin.

F. W. Shipley, Ph.D. (Chicago); Latin

E. Tavenner, Ph.D. (Columbia); Latin

C. G. Lowe, Ph D. (Illinois); Latin.

Yale University

The University Library (1,442,897 volumes), has 25,000 volumes related to t Department of Classical Languages a Literatures, including the libraries of Professor Ernst Curtius (5,000 volumes), President Woolsey (1,000 volumes), Professor Lewis R. Packard (1,000 volumes), and Professor Thomas Day Seymour.

Classical Club working library, 5,000 volumes.

The Numismatic Collection (14,000 pieces), strong in Classical field.

F. Edgerton, Ph.D. (Johns Hopkins), Professor; Sanskrit and Comparative Philology on the Edward E. Salisbury Foundation; Sanskrit and Comparative Philology; Pali; Prakrit; Religions and Philosophies of India.

A. M. Harmon, Ph.D. (Yale); Hillhouse Professor of Greek Languages and Literature; Greek Languages and Literature; Lucian; Paleography.

G. L. Hendrickson, M.A. (Johns Hopkins); Lampson Professor of Latin and Greek Literature; Latin Literature.

C. W. Mendell, Ph.D. (Yale); Dunham Professor of the Latin Language and Literature; Latin Language and Literature.

M. I. Rostovtzeff, Ph.D. (Petersburg), Ph.D. (Leipzig), Litt.D. (Oxford), Ph.D. (Wisconsin); Sterling Professor of Ancient History and Classical Archæology; Ancient History; The History Division of the Classical Seminary; The Orient and Greece; Economic and Social History of the Early Roman Empire; Italy and Hellenistic Civilization in the Period of the Roman Republic.

H. M. Hubbel, Ph.D. (Yale), Associate Professor; Greek and Latin.

E. H. Sturtevant, Ph.D. (Chicago), Associate Professor; Linguistics and Comparative Philology.

P. V. C. Baur, Ph.D. (Heidelberg), Assistant Professor and Curator; Classical Archæology.

A. O'B. Moore, Ph.D. (Princeton), Assistant Professor; Latin Literature.

ROMANCE LANGUAGES AND LITERATURES

French, Spanish,[1] *Italian, Provençal*

Columbia University

Columbia University libraries include 60,850 volumes in field of Romance Languages and Literatures. Romance Collection in general library, 29,400 volumes; Italian House Library, 15,000 volumes; Romance Reading Room, 3,600 volumes; Jeanne d'Arc Collection, 1,700 volumes; Maison Française Library, 1,000 volumes; Provençal Collection, 750 volumes; Molier Collection, 1,350 volumes; Barnard College Library, 2,700 volumes; College Study (Columbia College), 800 volumes; University Extension Library, 200 volumes; Dramatic Museum, 3,550 volumes; Journalism Library, 800 volumes.

Students have also use of large collections of New York Public Library, Hispanic Society, New York Historical Society, Bryson Library of Education, Teachers College, Metropolitan Museum of Art, and about 50 other libraries in New York City.

Maison Française (1913) cost $75,000. Contains collection of French books and periodicals; headquarters for intercourse with French universities.

Italian House (1927), cost $500,000. Contains Library on Modern Italy, 15,000 volumes; auditorium; headquarters for intercourse with Italian universities.

Instituto de las Españas. Relations with Spanish and South American universities. Has arranged tours in United States and South America for 6 official lecturers; organized 7 study tours to Spain; organized 194 Spanish clubs in 28 States of the Union; organized one study tour to South America. Library, 500 volumes. Published, I–XXI volumes.

Institute of Italian Culture. Organized fellowships, collection of periodicals, etc.

Institut des Etudes Françaises. Published I–III volumes, etc.

Institute of Rumanian Culture. Intercourse with Rumanian universities; Study Tours to Rumania.

Department of Spanish Studies, University of Porto Rico, is under supervision of Professor F. de Onis, Director.

Italian Digest and News Service, New York, is under supervision of Professors J. L. Gerig, President, and D. Bigongiari, Director.

"Romanic Review," editor, J. L. Gerig; Quarterly Journal devoted to Research in Romance Languages and Literatures, co-

[1] See Henry Grattan Doyle: "Spanish Studies in the United States," *Bulletin of Spanish Studies*, Liverpool, England, Volume II, number 8; *Bulletin of the Pan-American Union*, March, 1926.

editors, F. de Onis, H. F. Muller, A. Livingston, D. Bigongiari, G. L. van Roosbroeck (XVIII). Founded in 1910.

"Studies in Romance Philology and Literature," I–XL (1899–1926).

"Instituto de las Españas," I–XXI (1921–27).

"Institut des Études Françaises," I–III (1925–27).

"Bulletin of the Instituto de Las Españas," 10 nos. (1921–27).

"Bulletin of the Institute of Italian Culture," 6 nos. (1923–27).

"Bulletin of the Institut des Études Françaises," 6 nos. (1925–27).

"Bulletin of the Institute of Rumanian Culture," 1 no. 1927.

L. A. Loiseaux, B. ès Sc. (Dijon); French Literature, 18th Century.

R. Weeks, Ph.D. (Harvard); Old French Literature and Palæography.

J. L. Gerig, Ph.D. (Nebraska); French Literature 15th and 16th Centuries; Celtic.

H. F. Muller, Ph.D. (Columbia); Romance Philology; Mediæval Latin.

D. Bigongiari, A.B. (Columbia); Italian Literature, especially Dante.

F. de Onis, D. en L. (Madrid); Spanish Literature and Philology.

Maria de Maeztu, D. en Filos. (Madrid); Modern Spanish Literature.

A. G. H. Spiers, Ph.D. (Harvard); French Literature 17th Century and Contemporary French Literature.

F. Callcott, Ph.D. (Columbia); Spanish Literature.

A. Livingston, Ph.D. (Columbia); French and Italian Literature; Provençal and Romance Dialects.

I. Brown, Ph.D. (Columbia); French Literature, 19th Century.

A. L. Cru, B. ès L. (Paris); Teaching of French.

F. G. Hoffherr, B. ès L. (Lyon); French Style.

C. S. Parker, Ph.D. (Columbia); French Novel.

P. M. Riccio, A.M. (Columbia); Italian Literature.

G. L. van Roosbroeck, Ph.D. (Minnesota); French Literature, 17th to 19th Centuries.

R. H. Williams, A.M. (Columbia); Spanish Literature.

H. E. Mantz, Ph.D. (Columbia); French Literature, 18th and 19th Centuries.

L. A. Wilkins, A.M. (Columbia); Spanish Civilization.

Margaret Sherwood, Ph.D. (Columbia); Old French.

L. Ferarru, B. ès L. (Bucharest); Rumanian Literature.

F. Strowski, D. ès L. (Paris); French Literature and French Civilization (Summer Session).

G. Prezzolini (Rome); Italian Literature (Summer Session).

R. Vaillant, Ph.D. (Columbia); French Phonetics (Summer Session).

T. N. Tomas, D. en L. (Madrid); Spanish Phonetics (Summer Session).

Cornell University

J. F. Mason.
G. L. Hamilton.
O. G. Guerlac.
L. Pumpelly.
G. I. Dale.
M. G. Bishop.

Harvard University

Departmental collections, Romance Languages and Literatures, 54,700 volumes; Lowell Memorial Library (Italian, Spanish, Romance Philology), 1,750 volumes.

"Harvard Studies in Romance Languages," I–VII.

"Harvard Studies and Notes in Philology and Literature," I–VII.

C. H. Grandgent, A.B. (Harvard), Professor; Romance Languages; Italian Language and Literature; Provençal Language and Literature; Vulgar Latin; Linguistics; Phonetics.

J. D. M. Ford, Ph.D. (Harvard), Docteur-ès-Lettres (Toulouse); Smith Professor of the French and Spanish Languages; Old French Language and Literature; the Novel and Tale in Italy and Spain; Italian Literature of the Renaissance; Spanish Literature of the "Golden Age;" Old Spanish; Portuguese Language and Literature; Comparative Romance Linguistics.

I. Babbitt, A.M. (Harvard), Professor; French Literature; French Romantic Movement; Literary Criticism.

C. H. C. Wright, A.B. (Harvard), M.A. (Oxford), Professor; French Language and Literature; French Literature of the 16th and 17th Centuries.

L. Allard, Agrégé des Lettres (Paris), Professor; French; French Literature; French Drama.

A. Morize, Agrégé des Lettres (Paris), Professor; French Literature.

G. B. Weston, A.M. (Harvard), Assistant Professor; Romance Languages; Italian Literature.

R. L. Hawkins, Ph.D. (Harvard), Assistant Professor; French; Old French Literature.

L. J. A. Mercier, A.M. (Loyola), Assistant Professor; French; French Literature.

A. F. Whittem, Ph.D. (Harvard), Associate Professor; Romance Languages; La-Fontaine and the Fable in France; Spanish Literature.

G. Rivera, A.M. (Harvard), Assistant Professor; Spanish; Spanish Literature; Spanish-American Literature.

G. L. Lincoln, A.M. (Harvard), Instructor; Romance Languages, Spanish Literature.

Indiana University

University Library (181,658 volumes) contains 2,500 volumes pertaining to Romance Languages. Bert E. Young library of books on Molière and French drama (2,500 volumes) and John M. Hies library of books on Spanish literature of the Classical Period accessible to students.

B. E. Young, A.M. (Vanderbilt), Docteur de l'Universitè de Grenoble, Professor; Molière and his school.

G. D. Morris, A.M. (Indiana), Docteur de l'Université de Paris, Professor; French novel in France.

J. M. Hill, Ph.D. (Wisconsin), Professor; Spanish Classical Literature and Early Spanish.

C. A. Mosemiller, A.B. (Indiana), Associate Professor; Old French Syntax and Morphology.

W. H. Scheifley, Ph.D. (Pennsylvania), Associate Professor; Drama in France.

L. MacClintock, Ph.D. (Chicago), Associate Professor; Saint-Beuve and French Criticism of the 19th Century.

Mabel M. Harlan, A.M. (Indiana), Assistant Professor; Spanish classical drama.

Johns Hopkins University

University library Romance collections, 20,000 volumes; Peabody Library, 10,000 volumes; Professors' private libraries, 15,000 volumes.

"Modern Language Notes," I–XLII, (1884–1927).

"Johns Hopkins Publication in Romance Literatures and Languages," I–IX (1923–1927); X–XIII in press.

D. S. Blondheim, Ph.D. (Johns Hopkins); French Linguistics, especially etymology and the Romance vocabulary of Mediæval Jews.

J. Chinard, B. ès L. (Poitiers), L. ès L. (Bordeaux); 18th and 19th Century French Literature, Chateaubriand, and Franco-American relations.

G. Gruenbaum, A.B. (Bucharest), Ph.D. (Johns Hopkins); Italian Literature and Linguistics, Spanish Linguistics; Italian Literature of 16th to 18th Centuries.

H. C. Lancaster, Ph.D. (Johns Hopkins); 16th and 17th Century French Literature, especially the History of the French Stage in the latter century.

J. Robles, Licenciado en letras (Madrid); Modern Spanish Literature, especially Lope de Vega.

L. P. Shanks, Ph.D. (Cornell); Modern French Literature, especially Flaubert, Baudelaire, and Anatole France.

Northwestern University

University library includes 3,500 volumes in Romanic Languages and Literatures. Newberry Library and others in Chicago accessible.

R. Brenes-Meiers, Spanish Literature and Philology.

W. O. Farnsworth, Ph.D. (Columbia); French Literature.

C. F. Faker, M.A. (Harvard); Spanish Literature.

J. S. Golland, Ph.D. (Wisconsin); French Literature.

A. De Salvis, Ph.D. (Harvard); Italian Literature and Philology.

Ohio State University

G. R. Havens, Ph.D. (Johns Hopkins), Professor; 18th Century French Literature with special reference to Voltaire and English Literature.

W. S. Hendrix, Ph.D. (Chicago), Professor; 16th and 17th Century Spanish Drama; Early 19th Century Realism.

R. E. Rockwood, Ph.D. (Harvard), Professor; French Language and Literature.

O. H. Moore, Ph.D. (Harvard), Professor; Comparative Literature with Special Reference to Literary Relations between Italian and French.

C. E. Anibal, Ph.D. (Indiana), Assistant Professor; 17th Century Spanish Drama; Spanish Language and Literature.

Princeton University

In field of Romance Languages and Literatures University libraries include, Bound Periodicals, 6,000 volumes; University and Seminary libraries, 32,700 volumes; Dissertations, 7,500; Current Periodicals, 176 titles, with files for the most part complete.

Special Collections: Collection of 7,000 French plays of the 18th and early 19th centuries; The Hippolyte Buffenoir Collection of 311 items concerning Rousseau; Montaigne, including all editions published during his lifetime; large collection of manuscript reproductions of the Roman d'Alexandre; large and complete collection of French literary periodicals of the 18th century.

E. C. Armstrong, Ph.D. (Johns Hopkins); French Language.

D. L. Buffum, Ph.D. (Johns Hopkins); Old French.

L. Cons, Lic. ès L (Paris); Pre-renaissance and Renaissance.

C. Gauss, A.M. (Michigan); Rousseau, The Romantic Period.

F. L. Critchlow, Ph.D. (Johns Hopkins); The French National Epic.

W. S. Hastings, Ph.D. (Johns Hopkins); French Literature of the 19th Century.

K. McKenzie, Ph.D. (Harvard); Italian Literature of the 13th and 14th Centuries.

C. C. Marden, Ph.D. (Johns Hopkins); Mediæval Spanish.

F. C. Tarr, Ph.D. (Princeton); Modern Spanish Literature, Spanish Syntax.

Stanford University

University library includes about 20,000 volumes in Romance Languages and Literatures. Lintilhac Collection of works on French Drama.

O. M. Johnston, Ph.D. (Johns Hopkins); General Romance Philology; Early French Literature, Early Italian Literature.

A. M. Espinosa, Ph.D. (Chicago); Associate Editor of "Language," "Journal of American Folk-Lore," General Romance Philology, Romance Versification, Early Spanish Literature, Modern Spanish Drama, Vulgar Latin.

C. G. Allen, Docteur de l'Université de Paris; Classic Spanish Drama.

S. A. Smith, A.M. (Stanford); French and Italian Literature.

A. Coester, Ph.D. (Harvard); Editor of "Hispania," Spanish American Literature.

F. Anderson, Ph.D. (Yale); Philosophy of Grammar.

W. L. Schwartz, Ph.D. (Stanford); Modern and Contemporary French Literature. Molière.

University of California

"Modern Philology," I–XIII (1909–1926)

E. C. Hills, Ph.D. (Colorado), Professor; Romance Philology; Italian; Spanish.

C. E. Kany, Ph.D. (Harvard), Assistant Professor; Romance Philology; Spanish.

R. T. Holbrook, Ph.D. (Columbia); Professor; French.

R. Michaud, L. ès L. (Paris), Professor; French.

F. L. Schoell, Agrégé de l'Université (Paris), Professor; French.

P. B. Fay, Ph.D. (Johns Hopkins), Associate Professor; French.

N. C. Arvin, Ph.D. (Harvard), Assistant Professor; French.

M. M. Dondo, Ph.D. (Columbia), Assistant Professor; French.

W. Girard, Ph.D. (California), Assistant Professor; French.

G. Z. Patrick, Ph.D. (California), Assistant Professor; French.

A. Solomon, M.A. (California), Assistant Professor; French.

H. H. Vaughan, Ph.D. (Harvard), Professor; Italian.

S. G. Morley, Ph.D. (Harvard), Professor; Spanish.

R. Schevill, Ph.D. (Munich), Professor; Spanish.

E. Buceta, D. en D. (Madrid), Associate Professor; Spanish.

University of Chicago

Wieboldt Hall of Modern Languages, to cost about $1,000,000, will provide studies for graduate students and professors of modern languages, phonetics laboratory, etc.

Departmental library, 18,000 volumes, including Baist Collection, 2,000 volumes; Croué Collection (Balzac), 120 volumes. In addition, Gunsaulus Collection of Incunabula and MSS. (including Boccacio's Genealogi Deorum and 15th Century editions of Petrarch's works) and Hirsch-Bernays Collection, important for Romance. Newberry Library collection of Arthurian Romance material. Chicago Public Library, Modern French Literature.

"Modern Philology," quarterly, published by University of Chicago Press, I–XXIII (1903–1927). "University of Chicago Monograph Series," I–II (1925–27).

R. Altrocchi, Ph.D. (Harvard); Modern Italian Linguistics.

A. G. Bovée, Ph.B. (Chicago); Teaching of French.

C. Castillo, Ph.D. (Chicago); Teaching of Spanish.

A. Coleman, Ph.D. (Johns Hopkins); Teaching of French.

E. P. Dargan, Ph.D. (Johns Hopkins); Modern French Literature.

H. C. David, A.M. (Chicago); Classical French Literature.

T. A. Jenkins, Ph.D. (Johns Hopkins); French and Provençal Linguistics.

H. Keniston, Ph.D. (Harvard); Spanish Linguistics.

R. V. Merrill, Ph.D. (Chicago); Renaissance Literature.

W. A. Nitze, Ph.D. (Johns Hopkins); Old French and Renaissance Literature.

G. T. Northup, Ph.D. (Chicago); Classical Spanish Literature.

C. R. Parmenter, Ph.D. (Chicago); Phonetics.

P. R. Vigeron, Agrégé des lettres (Ecole Normale); Contemporary French Literature.

University of Illinois

Modern Language Library, 27,000 volumes. Special collections: Moritz Heyne library, 5,200 volumes; Gröber library, 6,500 volumes; Cavagna library of Italian history, literature and art, 40,000 volumes.

D. H. Carnahan, Ph.D. (Yale), Professor; French Romanticism; The Novel in France; André Chénier, Lamartine, Alfred de Vigny, Victor Hugo.

T. E. Oliver, Ph.D. (Heidelberg), Professor; Old French; 17th and 18th Century Prose Writers.

C. Cestre, Docteur ès lettres (Sorbonne), Professor; André Chénier, Lamartine; Alfred de Vigny; Victor Hugo.

J. Van Horne, Ph.D. (Harvard), Assistant Professor; Modern Italian Literature; The Novel in Spain.

J. D. Fitz-Gerald, Ph.D. (Columbia), Professor; The Novels of the Golden Age; Spanish Language; Paleography; Origins of Spanish Poetry.

University of Kansas

Library includes 4,848 volumes.

Eugenie Galloo, A.M. (Kansas); French Literature.

Elise Schwander, Ph.D. (Yale); The French Element in English.

Amida Stanton, A.M. (Kansas); French Literature.

R. G. Mahieu, B. ès L. (Paris), Cert. Lit. (Paris); Modern French Literature.

J. N. Carman, A.M. (Kansas), Cert. Lit. (Clermont); Mediæval French Literature.

A. L. Owen, A.M. (Illinois); Philology and Modern Literature.

J. M. Osma, B.H. (Barcelona); 17th Century Literature; Regional Literature.

May Gardner, A.B. (Kansas), Diplome (Paris); Epic and Lyric Poetry.

C. J. Winter, Spanish-American Literature.

University of Michigan

Special Collections, French Versification and 16th Century Literature, approximately 2,500 volumes in General Library and in the private library of Professor Thieme. Lazarillo Library of Professor Wagner.

A. G. Canfield, A.M. (Williams); Victor Hugo; Balzac.

J. R. Effinger, Ph.D. (Michigan); French Drama and Novel of the 18th Century and beginning of the 19th Century.

H. P. Thieme, Ph.D. (Johns Hopkins); French Versification; The Literature of the 16th Century; French Literary Criticism.

C. P. Wagner, Ph.D. (Yale); Cervantes; Spanish Philology; Early Spanish Literature.

Wm. A. McLaughlin, A.M. (Harvard); Dante.

J. R. Reinhard, Ph.D. (Harvard); Old French Language and Literature; Italian Literature of the Renaissance; Petrarch.

J. del Toro, A.M. (Michigan); Literature of the South American Countries.

E. E. Rovillain, A.M. (Michigan); The Literature of the 18th Century.

R. K. Spaulding, Ph.D. (California); Old Spanish Language and Literature.

University of Minnesota

E. W. Olmsted, Ph.D. (Cornell).

C. Searles, Ph.D. (Leipzig).

I. C. LeCompte, Ph.D. (Strassbourg).

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J. K. Ditchy, Ph.D. (Johns Hopkins).

W. L. Fichter, Ph.D. (Columbia).

A. H. Krappe, Ph.D. (Chicago).

University of Missouri

A. E. Trombly, A.M. (Pennsylvania); French and Italian; Lyric Poetry.

A. H. Schutz, Ph.D. (Chicago); French and Italian; Linguistics.

J. Warshaw, Ph.D. (Missouri); Spanish Literature; Latin American Affairs.

University of Nebraska

Departmental Collection, 6,000 volumes.

J. E. A. Alexis, Ph.D. (Chicago); Spanish Language and Literature.

E. M. Brackney, A.B. (DePauw); Italian Language and Literature.

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Elizabeth I. Reese, A.M. (Nebraska); French and Spanish Literatures.

University of North Carolina

W. M. Dey, Ph.D. (Harvard); Modern French Literature.

S. E. Leavitt, Ph.D. (Harvard); Spanish and Hispanic-American Literature.

H. D. Learned, Ph.D. (Pennsylvania); Old French.

H. R. Huse, Ph.B. (Chicago); Early Italian Literature.

U. T. Holmes, Jr. Ph.D. (Harvard); Romance Linguistics and Mediæval French Literature.

N. B. Adams, Ph.D. (Columbia); Spanish Literature; Early Spanish Prose Fiction; The Spanish Novel; Modern Spanish Novelists.

E. K. Kane, Ph.D. (Harvard); Spanish Language and Literature.

University of Pennsylvania

"University of Pennsylvania Series in Romanic Languages and Literatures," I–XXII (1907–25).

H. A. Rennert, Ph.D. (Freiburg), Professor; Spanish Literature.

J. P. Crawford, Ph.D. (Pennsylvania), Professor; Literature of the Italian and Spanish Renaissance.

J. B. Beck, Ph.D. (Strasbourg), Professor; Old French and Provençal Lyric and Drama. History of Early Music.

A. F. Hurlburt, A.M., Assistant Professor.

M. Romera-Navarro, LL.M. (Granada), A.M. (Pennsylvania), Assistant Professor; Modern Spanish Literature.

D. Vittorini, A.M. (Princeton), Litt.D. (Rome), Assistant Professor; 13th and 14th Century Italian Literature.

E. B. Williams, Ph.D. (Pennsylvania), Assistant Professor; Scientific French; Romantic Period in Spain; Portuguese.

Hyacinth U. Forest, Ph.D. (Ottawa), Instructor; French Literature of the 19th Century.

W. S. Jack, Ph.D. (Pennsylvania), Instructor; Early Spanish Drama.

University of Virginia

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L. Lehman, Ph.D. (Virginia).

Washington University

The Library of the French Department, 8,000 volumes, includes the French books in the Joseph Coolidge Library, 3,000 volumes. The collection of Spanish and Italian books includes 3,000 volumes. The Coolidge collection contains 500 volumes of Spanish and Italian works.

G. Douay, M.A. (Washington); French Drama in 19th Century.

E. F. Parker, Ph.D. (Harvard); Old French; Provençal.

J. A. Ray, M.A. (Yale), Docteur de l'Université (Paris); Spanish Literature of the 16th and 17th Centuries.

University of Wisconsin

W. F. Giese, A.B. (Harvard), Professor; French Literature, Romanticism and Criticism.

H. A. Smith, M.A. (Missouri), Professor; Modern French Drama; French Epic.

C. D. Zdanowicz, Ph.D. (Harvard), Professor; 17th Century Literature.

F. D. Cheydleur, Ph.D. (Grenoble), Associate Professor; The French Novel.

C. D. Cool, Ph.D. (Wisconsin), Associate Professor; The Spanish Novel.

Lucy M. Gay, B.L. (Wisconsin); Old French.

J. Ortega, M.A. (Wisconsin); Contemporary Spanish Literature.

E. B. Schlatter, Ph.D. (Wisconsin); Romance Philology.

A. G. Solalinde, Doctor of Letters (Madrid); Spanish Philology.

E. G. Atkin, Ph.D. (Harvard), Assistant Professor; 19th Century French Criticism.

H. C. Berkowitz, Ph.D. (Cornell), Assistant Professor; Spanish Literature.

A. E. Lyon, M.A. (Wisconsin), Assistant Professor; Spanish Literature of 18th and 19th Centuries.

R. B. Michell, Ph.D. (Wisconsin), Assistant Professor; French Literature of 18th and 19th Centuries.

S. G. Rogers, M.A. (Chicago), Assistant Professor; Contemporary French Literature.

J. L. Russo, Ph.D. (Columbia), Assistant Professor; Italian.

M. Weiler, Agrégé de l'Université (Paris), Lecturer; French Literature of 18th and 19th Centuries.

Mrs. C. H. Greenleaf, B.L. (California), Instructor; Phonetics.

Yale University

University Library, 1,442,897 volumes, contains 30,000 volumes related to the Department of Romance Languages. Aside from the Dantesque and Petrarchan items, the Library is especially rich in Renaissance authors. Quattrocento well represented; library particularly strong in Cinquecento, especially in Petrarchan imitators. An almost complete set of the Italian anthologies. The Marinism of the 17th century may be studied in the numerous editions of Marino himself. Romance Seminary Room library, 600 volumes (philological).

C. C. Clarke, B.A. (Yale), Professor; French; French Language and Literature.

F. B. Luquiens, Ph.D. (Yale), Colgate Professor; Spanish; Spanish-American Literature.

J. Seronde, Ph.D. (Yale), Professor; French; French Literature.

A. Lipari, M.A. (Columbia), D.Litt. (Rome), Associate Professor; Italian; Italian Literature.

R. S. Rose, Ph.D. (California), Associate Professor; Spanish; Spanish Literature.

E. J. Hall, B.A. (Harvard), Assistant Professor; Spanish; The Teaching of Spanish.

R. T. Hill, Ph.D. (Yale), Assistant Professor; French; Mediæval and Provençal French.

H. B. Richardson, Ph.D. (Yale), Assistant Professor; French; Spanish Philology.

GERMANIC LANGUAGES AND LITERATURES

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Departmental Collection, 15,000 volumes.

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L. Behrendt, Ph.D. (Catholic University); German.

Columbia University

The departmental library includes about 6,000 volumes on Germanic philology and the literature and other culture of the Germanic peoples.

"The Germanic Review," quarterly, I (January 1, 1926).

"Columbia University Germanic Studies," I–XXV (1900–1926).

A. J. Barnouw, Ph.D. (Leyden); Dutch Literature in the 17th Century; Middle and Modern Dutch.

R. H. Fife, Ph.D. (Leipzig); Luther, and Literature of German Romanticism; German Literature 16th to 19th Century.

F. W. J. Heuser, A.M. (Columbia); German Literature in the later 19th Century.

A. F. J. Remy, Ph.D. (Columbia); Relations between Literatures of India and Persia and German Literature, and Mediæval Germanic Legends; Germanic Philology.

W. A. Braun, Ph.D. (Columbia); Goethe.

Cornell University

A. B. Faust.

A. W. Boesche.

P. R. Pope.

A. L. Andrews.

Harvard University

Departmental collection, 18,000 volumes, not including books on philology or periodicals.

W. G. Howard, A.M. (Harvard); German Literature since the Reformation.

J. A. Walz, Ph.D. (Harvard); The German Language and Literature; Goethe; History of German Language.

T. Farck, Ph.D. (Johns Hopkins); Germanic Philology; Gothic; Old High German.

A. Burkhard, Ph.D. (Harvard); Recent German Literature.

F. S. Cawley, Ph.D. (Harvard); Scandinavian; Danish and Norwegian Dramatists; Icelandic (Old Norse).

Indiana University

Departmental collection, 5,000 volumes.

Special collection: Goethe, 1,000 volumes.

"Indiana University Studies" include publications in the field of philology and literature.

B. J. Vos, Ph.D. (Johns Hopkins); Middle High German; 18th and 19th Century Literature.

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Northwestern University

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Original editions of 18th century and Germanic Philology.

J. T. Hatfield, Ph.D. (Johns Hopkins), Professor; German Literature.

G. O. Curme, Ph.D. (Heidelberg), Professor; German Philology, covering the modern German dialects and the older periods of the literary language.

H. Kurath, Ph.D. (Chicago), Professor; Phonetics; Semantics, and older periods of German.

Ohio State University

M. B. Evans, Ph.D. (Bonn), Professor; The Drama of the Middle Ages, and the Passion Play.

L. Bloomfield, Ph.D. (Chicago), Professor; Linguistics.

B. A. Eisenlohr, M.A. (Ohio State), Professor; Das Deutsche Volkslied.

E. Feise, Ph.D. (Leipzig), Assistant Professor; Sturm und Drang.

Princeton University

University libraries include in field of Germanic Languages and Literatures, bound periodicals, 6,000; volumes in University and Seminary libraries, 31,000; dissertations, 2,000; current periodicals, 143 titles. Special collection: Blau collection of Modern German Literature, mostly since 1880, approximately 15,000 volumes.

H. H. Bender, Ph.D. (Johns Hopkins); Sanskrit and Indo-European Philology; Gothic; Lithuanian.

J. P. Hoskins, Ph.D. (Berlin); German Philology; German and American Literary Relations in the 19th Century; Old High German; Middle High German.

G. M. Priest, Ph.D. (Jena); Old Icelandic; German Literature since 1885.

H. W. Hewett-Thayer, Ph.D. (Columbia); The Romantic Period; Narrative Fiction.

Stanford University

Department of Germanic Languages, 30,000 volumes. Hildebrand collection on older literature and lexicography, 10,000. Flügel collection.

"Leland Stanford Junior University Publications, University Series."

W. A. Cooper; Goethe; Inductive Grammatical Studies; The Element of Cultural History in Etymology.

A. C. Mahr, Ph.D. (Heidelberg); Literature and Art.

K. G. Rendtorff, Ph.D. (Stanford); Middle High German; Literary History; Hauptmann; German Civilization.

University of California

C. Paschall, M.A. (Harvard), Professor.

H. K. Schilling, Ph.D. (Leipzig), Professor.

C. H. Bell, Ph.D. (California), Associate Professor.

L. M. Price, Ph.D. (Wisconsin), Associate Professor.

E. K. Heller, Ph.D. (Jena), Assistant Professor.

F. Schneider, Ph.D. (Leipzig), Assistant Professor.

University of Chicago

Departmental library, 16,000 volumes.

P. S. Allen, Ph.D. (Chicago); Mediæval Lyric.

M. Schütze, Ph.D. (Pennsylvania); Herder; Romanticism.

A. Taylor, Ph.D. (Harvard); Folktale; Folksong.

C. N. Gould, Ph.D. (Chicago); Icelandic.

L. Bloomfield, Ph.D. (Chicago); Germanic Linguistics.

University of Illinois

Modern Language Library, 27,000 volumes. Moritz Heyne Collection, 5,200 (German philology and lexicography).

"Journal of Germanic Philology," I–IV, 1897–1902.

C. A. Williams, Ph.D. (Heidelberg), Assistant Professor; Old High German.

N. C. Brooks, Ph.D. (Harvard), Assistant Professor; Early German Drama; German Literature of the 15th and 16th Centuries.

A. H. Koller, Ph.D. (Chicago), Assistant Professor; Herder, and his Relation to European Literature.

University of Kansas

Special Collections, Germanic Philology and Scandinavian Literature; Luther and His Time; Classical Period and the Romantic Movement.

H. C. Thurnau, Ph.D. (Michigan); The Classical Period of German Literature.

E. F. Engel, A.M. (Harvard); The Storm and Stress Period.

Alberta L. Corbin, Ph.D. (Yale); The Romantic Movement.

A. M. Sturtevant, Ph.D. (Harvard); Editor of "Scandinavian Studies and Notes;" Germanic Philology and Scandinavian Literature.

University of Michigan

Special Collections, Goethe Library; Gothic; the Storm and Stress Movement;

the Romantic School in Germany; Hebbel.

M. Winkler, Ph.D. (Michigan); Goethe; The Romantic School in Germany.

T. Drikhoff, Ph.D. (Leipzig); Germanic Philology; Historical German Grammar.

J. A. C. Hildner, Ph.D. (Leipzig); Storm and Stress Movement; Hebbel.

J. W. Scholl, Ph.D. (Michigan); History of German Novel.

F. B. Wahr, Ph.D. (Michigan); Gerhart Hauptmann.

N. L. Willey, Ph.D. (Michigan); Gothic; Old Norse.

University of Minnesota

C. Schlenker, B.A. (Michigan).
F. Klaeber, Ph.D. (Berlin).
O. C. Burkhard, Ph.D. (Chicago).
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G. Lussky, Ph.D. (Wisconsin).

University of Missouri

H. B. Almstedt, Ph.D. (Chicago); Germanic Philology.

University of North Carolina

K. J. Brown, Ph.D. (Pennsylvania); German Literature of the 19th Century, after 1832.

W. D. Toy, M.A. (Virginia); So-called Classical Literature of the 18th and 19th Centuries.

E. C. P. Metzenthin, Ph.D. (Pennsylvania); Old Saxon, with particular reference to the authorship of the Heliand and the home of the author.

University of Pennsylvania

Departmental collections include Bechstein Library, a feature of which is the Handapparat of Professor Bechstein, consisting of several thousand monographs on Germanic subjects, kept up to date. The Library of the German Society, Marshall and Spring Garden Streets, contains a collection of books relating to Germany and German life in America.

"Americana Germanica," Quarterly, I–IV (1897–1902). "German American Annals," Monthly, I–XVII (1902–1919). "Americana Germanica Series of Monographs," I-XXXIV (1914–1918).

D. B. Shumway, Ph.D. (Göttingen), Professor; German Philology.

E. Doernenburg, Ph.D., Assistant Professor; German American Literature; Wilhelm Raabe.

J. L. Campion, Ph.D. (Johns Hopkins), Assistant Professor; Middle High German.

A. J. Uppvall, Ph.D. (Clark), Assistant Professor; Scandinavian Languages and Literatures.

H. J. Weigand, Ph.D. (Michigan), Assistant Professor; Modern German Literature; Scandinavian Literature.

E. M. Fogel, Ph.D. (Pennsylvania), Assistant Professor; Pennsylvania German.

University of Virginia

W. H. Faulkner, Ph.D. (Virginia); German.

University of Wisconsin

F. Bruns, Ph.D. (Wisconsin), Associate Professor; 19th Century Literature, especially the lyric and drama.

A. R. Hohlfeld, Ph.D. (Leipzig), Professor; Goethe; English-German Literary Relations.

B. Q. Morgan, Ph.D. (Leipzig), Professor; German Literature in English Translation.

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E. K. J. H. Voss, Ph.D. (Leipzig), Professor; Germanic Philology; Early Modern High German Language and Literature.

Washington University

Departmental Collections, about 12,000 volumes, including the Emil Prætorius Memorial Library.

Special Collections, Goethe, 1,000 volumes; Schiller, 250 volumes; Lessing, 150 volumes.

"The Washington University Studies," I–XIII (1913–1926).

O. Heller, Ph.D. (Chicago); Goethe; Modern European Literature; Ibsen.

R. Jente, Ph.D. (Heidelberg); Germanic Philology.

H. W. Nordmeyer, Ph.D. (Wisconsin); Modern German Literature.

Yale University

Departmental Library, 20,000 volumes of Germanic Literature, including Scandinavian, and Philology.

Special Collections: William A. Speck Collection of Classical German Literature, 14,000 volumes, consists of books, pamphlets, clippings, playbills, manuscripts, portraits, and other prints; medals, medallions, and musical compositions by and about Goethe, and books, autograph letters, etc., of great contemporaries. The "Faust" section alone numbers approximately 8,000 pieces. The collection on Scandinavia, formed by the late Count Paul Riant, comprises 5,000 volumes, 50 manuscripts, some of them unedited and important, and 16,000 dissertations of the Swedish Universities. It is strongest on the side of history, but geography and the older literature (Icelandic and 17th Century Swedish) are represented. The German Seminary Room contains a working library of about 3,000 volumes.

See also Greek and Latin, English, Education.

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A. B. Benson, Ph.D. (Columbia), Associate Professor; German and Scandinavian Language and Literature.

W. A. Speck, Curator of the Collection of Classical German Literature; Goethe.

SCANDINAVIAN LANGUAGES AND LITERATURES

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University of Chicago

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University of Illinois

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University of Kansas

A. M. Sturtevant.
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University of Minnesota

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H. M. Ayres, Ph.D. (Harvard); English Language; Late Mediæval Literature.

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Harvard University

Departmental collections, English Literature, 66,000 volumes; American and Canadian Literature, 22,500 volumes (not including philology and periodicals).

"Harvard Studies and Notes in Philology and Literature," I–XII (1892–1927).

"Harvard Studies in Comparative Literature," I–VI (1910–1927).

"Harvard Studies in English," I–IV (1913–1927).

"Radcliffe College Monographs," I–XVI (1888–1927).

See also Germanic, Romance, Greek and Latin, Celtic, History and Philosophy.

B. Perry, A.M. (Williams); Editor, "Atlantic Monthly," 1899–1909; Later English and American Literature.

C. T. Copeland, A.B. (Harvard); Later English and American Literature.

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B. S. Hurlbut, A.M. (Harvard); English Literature from 1700 to the Death of Swift.

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Radcliffe College

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Indiana University

Departmental collections, 15,000 volumes.
"The University Studies."
See Comparative Philology, Romance, Germanic, Sociology, History.

H. H. Carter, Ph.D. (Yale); Literary Criticism and Middle English Literature.

H. T. Stephenson, A.M. (Indiana); Shakespeare, Elizabethan Drama, Second Romantic Period, Technique of Writing.

A. C. Judson, Ph.D. (Yale); Non-Dramatic English Literature of the Renaissance.

S. Thompson, Ph.D. (Harvard); Literary Origins and Folk-Lore.

J. R. Moore, Ph.D. (Harvard); Literature of the Restoration and 18th Century.

W. T. Hale, Ph.D. (Yale); Milton's Works and the Literature of the Victorian Age.

L. J. Mills, Ph.D. (Chicago); Elizabethan Drama.

J. H. Pitman, Ph.D. (Yale); The Romantic Period.

Johns Hopkins University

The Tudor and Stuart Club, with rooms in the University Library, is collecting rare works in 16th and 17th century literature; collection of first editions of Spenser and of later editions for the study of Spenser.

"Modern Language Notes," I–XLII.

In 1927–28 there will be four Research Fellows, all holders of the doctorate, who will participate in the English Conference and in the Journal Club, and will also be available for consultation in the fields of their specialties.

The Department specializes in Old and Middle English, the Renaissance, and the Eighteenth Century.

E. Greenlaw, Ph.D. (Harvard); Editor of "Modern Language Notes," The Renaissance.

R. D. Havens, Ph.D. (Harvard); The 18th Century.

K. Malone, Ph.D. (Chicago); Old and Middle English.

Northwestern University

The University library contains about 30,000 volumes of particular interest to students of English. Newberry Library accessible. Special collections: Bibliography, Arthurian Romance, Linguistics, Burns and Scottish literature.

A. C. L. Brown, Ph.D. (Harvard); Arthurian romances; Middle English Literature.

W. F. Bryan, Ph.D. (Chicago); Old and Middle English; Linguistics.

F. B. Kage, Ph.D. (Yale); 18th Century Literature.

T. O. Malbot, Ph.D. (Columbia); American Literature; 17th Century English Literature.

A. H. Nethercot, Ph.D. (Chicago); 16th and 17th Century English Literature.

F. B. Snyder, Ph.D. (Harvard); Late 18th and 19th Century English Literature.

Ohio State University

J. V. Denney, M.A. (Michigan), Professor; Shakespeare and the Drama.

C. E. Andrews, Ph.D. (Yale); Professor; 17th Century Literature.

J. R. Taylor, A.M. (Columbia), Professor; The Novel.

G. H. McKnight, Ph.D. (Cornell), Professor; History of the English Language of the 16th and 17th Centuries.

W. L. Graves, M.A. (Ohio State), Professor; The Short Story.

M. Percival, Ph.D. (Harvard), Assistant Professor; 18th Century Literature.

Princeton University

University Library (600,000 volumes) has complete files of all periodicals which directly concern students of English. Princeton Theological Seminary Library (122,000 volumes) strong in the field of Church History, is of great service to graduate students working in the mediæval period.

See Germanic, Romance, Greek and Latin, Art and Archæology.

G. M. Harper, Ph.D. (Princeton); Period of the French Revolution.

T. M. Parrott, Ph.D. (Leipzig); Elizabethan Drama.

J. D. Spaeth, Ph.D. (Leipzig); Old English Literature and Philology, and period of Romantic Movement.

C. G. Osgood, Ph.D. (Yale); English Renaissance.

G. H. Gerould, B.Litt. (Oxford); Old and Middle English.

R. K. Root, Ph.D. (Yale); Chaucer and Middle English.

M.W. Croll, Ph.D. (Pennsylvania); Literature of the 16th and 17th Century, and Metrics.

C. W. Kennedy, Ph.D. (Princeton); Old English.

Stanford University

Hildebrand Collection and Flügel Collection, Early English and English Philology.

Margery Bailey, Ph.D. (Yale); Eighteenth Century; Ballads.

W. D. Briggs, Ph.D. (Harvard); 16th and 17th Centuries.

H. D. Gray, Ph.D. (Columbia); Elizabethan Literature; Drama; Modern Novel.

A. L. Guerard, Agrégé de l'Université de Paris; General Literature.

H. J. Hall, A.M. (Harvard); American Literature.

A. G. Kennedy, Ph.D. (Stanford); Anglo-Saxon and Middle English; English Language; Bibliography.

Frances T. Russell, Ph.D. (Columbia); Criticism.

S. S. Seward, A.M. (Columbia); Victorian Literature; Metrics.

University of California

C. B. Bradley, M.A. (Oberlin), Professor.

H. L. Bruce, Ph.D. (Yale), Professor.

W. H. Durham, Ph.D. (Yale), Professor.

C. M. Gayley, B.A. (Michigan), Professor.

W. M. Hart, Ph.D. (Harvard), Professor.

B. P. Kurtz, Ph.D. (California), Professor.

R. P. Utter, Ph.D. (Harvard), Professor.

C. W. Wells, A.B. (Yale), Professor.

B. I. Wheeler, Ph.D. (Heidelberg), Professor.

A. G. Brodeur, Ph.D. (Harvard), Associate Professor.

W. E. Farnham, Ph.D. (Harvard), Associate Professor.

M. Y. Hughes, Ph.D. (Harvard), Associate Professor.

B. H. Lehman, Ph.D. (Harvard), Associate Professor.

G. Montgomery, Ph.D. (California), Associate Professor.

C. H. Raymond, A.B. (Harvard), Associate Professor.

T. F. Sanford, A.B. (Yale), Associate Professor.

G. A. Smithson, Ph.D. (California), Associate Professor.

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M. F. Brightfield, Ph.D. (Harvard), Assistant Professor.

G. T. Potter, Ph.D. (Harvard), Assistant Professor.

H. J. Smith, Ph.D. (Yale), Assistant Professor.

G. R. Stewart, Jr., Ph.D. (Columbia), Assistant Professor.

University of Chicago

Wieboldt Hall for Modern Languages, erected at cost of $600,000, is a building primarily for research. It has space for more than 200,000 books, cubicles for eighty or a hundred graduate students, offices and study rooms for twenty professors, six or seven seminar rooms, a large reading room connected with the main reading room of the University Library, an exhibit room, a common room for meetings of graduate students, and three special laboratories, one for dictionary work, one for Chaucer work, and one for phonetics.

Departmental library, 40,000 volumes. In addition there are as many more in fields closely related to English. These are chiefly newspapers, magazines, publications of learned societies, historical works, etc.

Special collections: Carpenter Collection

of Works of Spenser; Rotographs of the Manuscripts of Chaucer; Farr Collection of Manuscripts; William Vaughan Moody Collection of American Literature; Atkinson Collection of American Plays.

"Modern Philology," I–XXIV.

"Modern Philology Monographs," I–II.

J. M. Manly, Ph.D. (Harvard); Mediæval Literature and Linguistics.

R. M. Lovett, A.B. (Harvard); Nineteenth Century English Literature.

J. W. Linn, A.B. (Chicago); 19th Century English Literature.

C. R. Baskervill, Ph.D. (Chicago); The Renaissance; Elizabethan Literature.

T. P. Cross, Ph.D. (Harvard); Celtic Mediæval Literature; Eighteenth Century.

P. H. Boynton, A.M. (Harvard); American Literature.

W. A. Craigie, A.M. (Oxford); Linguistics; American English; Middle English.

D. H. Stevens, Ph.D. (Chicago); 17th Century English Literature.

R. S. Crane, Ph.D. (Pennsylvania); 18th Century English Literature.

J. R. Hulbert, Ph.D. (Chicago); Old and Middle English.

G. W. Sherburn, Ph.D. (Chicago); 18th Century English Literature.

Edith Rickert, Ph.D. (Chicago); Middle English Literature; Stylistics.

C. H. Grabo, A.B. (Chicago); 19th Century English Literature.

Evelyn M. Albright, Ph.D. (Chicago); Elizabethan Literature.

N. Wilt, Ph.D. (Chicago); American Literature.

University of Illinois

English library, 16,400 volumes.

"Journal of English and German Philology," V–XXV, 1903–26.

E. Bernbaum, Ph.D. (Harvard), Professor; The Romantic Movement; The English Novel.

M. W. Bundy, Ph.D. (Cornell), Assistant Professor; Literary Criticism.

J. Zeitlin, Ph.D. (Columbia), Associate Professor; The Essay.

H. N. Hillebrand, Ph.D. (Harvard), Associate Professor; Drama.

H. G. Paul, Ph.D. (Columbia), Professor; American Literature.

A. W. Secord, Ph.D. (Illinois), Assistant Professor; The Classical Movement (1675–1750).

E. C. Baldwin, Ph.D. (Yale), Associate Professor; 17th Century English Literature.

University of Iowa

"Philological Quarterly."

H. Craig, Ph.D. (Princeton), Professor. Editor, "Philological Quarterly."

E. N. S. Thompson, Ph.D. (Yale), Professor.

E. F. Piper, M.A. (Nebraska), Professor.

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H. Larsen, Ph.D. (Princeton), Associate Professor.

F. L. Mott, M.A. (Columbia), Associate Professor.

J. H. Scott, M.A. (Northwestern), Assistant Professor.

Nellie S. Aurner, Ph.D. (Iowa), Assistant Professor.

M. F. Carpenter, Ph.D. (Iowa), Assistant Professor.

University of Kansas

Departmental library, 16,264 volumes.

Special Collections: Elizabethan Literature; Shakespearean (1394 volumes); Milton; Other Seventeenth Century Poetry; Twentieth Century Poetry, both English and American; American Literature. The department gives especial attention to American Literature.

W. S. Johnson, Ph.D. (Yale); Milton, Elizabethan Drama; Carlyle and Emerson; English Poetry since 1850.

C. G. Dunlap, A.M. (Ohio Wesleyan); Shakespeare; Chaucer; Romantic Period.

E. M. Hopkins, Ph.D. (Princeton); Methods of Teaching; American Literature.

R. D. O'Leary, A.B. (Harvard); 18th Century Literature.

S. L. Whitcomb, A.M. (Columbia); Comparative Literature; Methodology.

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Josephine Burnham, Ph.D. (Yale); Old and Middle English; History of the Language; Usage.

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University of Michigan

Special Collections: Macmillan Shakespeare collection, 8,000 volumes; Plays of the 17th and 18th centuries, 850 collections of plays, 4,350 single plays, and 1,000 volumes devoted to biography and stage history; Clements Library of Americana, 20,000 volumes. Although this collection represents primarily history, it contains innumerable documents for a student of 17th and 18th century American literature.

"Michigan Studies in Language and Literature," I–III (1924–26).

"Contributions to Rhetorical Theory," I–VIII (to 1918).

L. A. Strauss, Ph.D. (Michigan); English Literature of the 17th and 18th Centuries, particularly History of the Novel.

J. H. Hanford, Ph.D. (Harvard); Milton; Later Middle Ages; Renaissance.

O. J. Campbell, Ph.D. (Harvard); Shakespeare; History of the Drama; Wordsworth.

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University of Minnesota

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C. W. Nichols, Ph.D. (Yale).
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University of Missouri

General Library, 235,000 volumes; English Seminar, 2,500 volumes; Shakespeare, 500 volumes.

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University of Nebraska

"The University Studies," quarterly, publishes papers from the department of English. Some twenty-five volumes have been issued.

Louise Pound, Ph.D. (Heidelberg); History of English Language; History of English Literature; English Philology.

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University of North Carolina

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A. Hibbard, A.M. (Wisconsin); American Literature.

W. F. Thrall, Ph.D. (Chicago); Middle Ages and Renaissance. Advisory Editor, "Studies in Philology."

H. M. Jones, M.A. (Chicago); 18th and 19th Centuries.

A. C. Howell, Ph.D. (North Carolina); 17th Century and later Renaissance.

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W. D. MacMillan, 3d, Ph.D. (North Carolina); 18th and 19th Centuries.

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"University of Pennsylvania Publications in Philology and Literature" (1891–1917).

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J. C. Mendenhall, Ph.D. (Pennsylvania), Assistant Professor.

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F. A. Laurie, Jr., Ph.D. (Pennsylvania), Assistant Professor; Wordsworth.

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W. E. Leonard, Ph.D. (Columbia); Teutonic Metrics.

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W. Taylor, M.A. (Columbia); English Prose Style.

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W. R. Mackenzie, Ph.D. (Harvard); Shakespeare; Popular Ballads.

R. F. Jones, Ph.D. (Columbia); 18th Century; Literary Criticism.

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Yale University

University Library contains 60,000 volumes related to the Department of English. Library has emphasized American and English Literature of the 17th, 18th, and 19th centuries, and includes rare collections of old plays, and of 17th and 18th century pamphlets, in addition to extensive files of periodicals and newspapers.

Special Collections: Yale Collection of American Literature, 7,000 volumes, many of them containing important letters and dedications by the author, is composed of first and important editions of American belles lettres. Collections of Cooper, Emerson, Bret Harte, Hawthorne, Irving, Lowell, Poe, and Whitman. Frederick S. Dickson collection of Henry Fielding, 1,225 volumes, contains every edition of Fielding's novels published during his lifetime, all the pamphlets known to be Fielding's, and the standard editions of his works, including many translations and imitations. The works by and about Shakespeare number approximately 2,600 volumes. The Library of Elizabethan Club, available to students, contains a Shakesperare collection numbering five folios, thirty-nine quartos, and over two hundred volumes of contemporary works.

"The Yale Review," I–XV (1911–1926).

See Germanic, Romance, School of Fine Arts (Drama).

J. M. Berdan, Ph.D. (Yale), Professor; The Tudor Period of English Literature.

C. F. T. Brook, M.A. (West Virginia), B.Litt. (Oxford); Professor; The English Drama from 1500–1642.

H. S. Canby, Ph.D. (Yale), Lecturer; American Literature and Literary Composition.

W. L. Cross, Ph.D. (Yale), Sterling Professor of English; English Prose Fiction, especially 19th Century.

A. Keogh, M.A. (Yale), Sterling Professor of Bibliography.

G. H. Nettleton, Ph.D. (Yale), Professor; English Drama since 1642.

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K. Young, Ph.D. (Harvard), Professor; Chaucer; Mediæval Drama.

S. B. Hemingway, Ph.D. (Yale), Associate Professor; Middle English Literature.

F. E. Pierce, Ph.D. (Yale), Associate Professor; Romantic Poetry.

E. B. Reed, Ph.D. (Yale), Associate Professor; English Lyrical Poetry.

S. T. Williams, Ph.D. (Yale), Associate Professor; American Literature.

A. E. Case, Ph.D. (Yale), LL.B. (Harvard), Assistant Professor; The Augustan Age in English Literature.

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Catholic University of America

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See English Language and Literature.

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T. P. Cross, Ph.D. (Harvard), Professor; English and Comparative Literature; The relations of the culture of Celtic countries (particularly Ireland) to the culture of other European countries and of America.

University of Nebraska

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See English Language and Literature.

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"Columbia University Studies," I–II (1922–1926)

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Princeton University

See Germanic.

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On Russian and Polish Literature, 200 titles, and 300 books on various phases and periods of Russian history.

Russian Collection in the Hoover War Library covers all phases of Russian life—literary, economic, political, historical and social, with special attention to the period since 1911. Files of newspapers (especially rich for the revolutionary period (8 newspapers received currently), 70; files of periodicals which have come into existence since 1917 (15 received currently), 100; files of periodicals of pre-revolutionary time, 40; books and pamphlets published since 1917, 4,000; books and pamphlets of pre-revolutionary time, 6,000.

H. Lanz, Ph.D. (Heidelberg), Assistant Professor; Slavic Languages; Slavic Civilization; Russian Realism; Polish Romanticism; Tolstoy; Dostoyevsky; Contemporary Literature in Russia.

UNIVERSITY OF CALIFORNIA

G. R. Noyes, Ph.D. (Harvard), Professor.
A. S. Kaun, Ph.D. (California), Assistant Professor.
G. Z. Patrick, Ph.D. (California); Assistant Professor.

UNIVERSITY OF CHICAGO

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F. G. Spech, Ph.D. (Pennsylvania); Linguistics of North America.

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Princeton University

"Annals of Mathematics," I–XVI (1911–1926).

J. W. Alexander, Ph.D. (Princeton); Analysis Situs.

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E. Hille, Ph.D. (Stockholm); Differential Equations.

S. Lefschetz, Ph.D. (Clark); Algebraic Geometry; Theory of Numbers.

T. Y. Thomas, Ph.D. (Princeton); n-dimensional Differential Geometry; Analytic Mechanics.

O. Veblen, Ph.D. (Chicago); Analysis Situs; Mathematical Seminary.

J. H. M. Wedderburn, Ph.D. (Edinburgh); Editor, "Annals of Mathematics," Algebra.

University of California

"Mathematics," I–II (1912–1926).

F. Cajori, Ph.D. (Tulane), Professor.

M. W. Haskell, Ph.D. (Göttingen), Professor.

D. N. Lehmer, Ph.D. (Chicago), Professor.

C. A. Noble, Ph.D. (Göttingen), Professor.

T. M. Putnam, Ph.D. (Chicago), Professor.

G. C. Edwards, Ph.B. (California), Professor.

B. A. Bernstein, Ph.D. (California), Associate Professor.

T. Buck, Ph.D. (Chicago), Associate Professor.

F. Irwin, Ph.D. (Harvard), Associate Professor.

J. H. McDonald, Ph.D. (Chicago), Associate Professor.

Sophia H. Levy, Ph.D. (California), Assistant Professor.

C. D. Shane, Ph.D. (California), Assistant Professor.

Pauline Sperry, Ph.D. (Chicago), Assistant Professor.

University of Chicago

Departmental library of the Mathematics and Mathematical Astronomy Group, housed together, approximately 12,000 volumes. In addition the proceedings and transactions of various scientific academies available in the General Library of the University.

"University of Chicago Mathematical Series," I–XI (1902–12). "University of Chicago Mathematics Series," I–V (1915–19). "University of Chicago Science Series," I–III (1917–23).

E. H. Moore, Ph.D. (Yale), Professor; General Analysis.

L. E. Dickson, Ph.D. (Chicago), Professor; Algebra and Theory of Numbers.

G. A. Bliss, Ph.D. (Chicago), Professor; Calculus of Variations.

A. C. Lunn, Ph.D. (Chicago), Professor; Mathematical Physics.

E. P. Lane, Ph.D. (Chicago), Associate Professor; Differential Geometry.

Mayme I. Logsdon, Ph.D. (Chicago), Assistant Professor; Algebraic Geometry.

L. M. Graves, Ph.D. (Chicago), Assistant Professor; Calculus of Variations.

J. E. Slaught, Ph.D. (Chicago); Professor; Elliptic Functions.

University of Illinois

Departmental library, 5,700 volumes.

E. J. Townsend, Ph.D. (Göttingen), Professor; Functions of Real and Complex Variable.

R. D. Carmichael, Ph.D. (Princeton), Professor; Elliptic Functions; Linear Differential Equations.

Olive C. Hazlett, Ph.D. (Chicago), Assistant Professor; Theory of Numbers.

G. A. Miller, Ph.D. (Cumberland), Professor; Theory of Groups.

A. R. Crathorne, Ph.D. (Göttingen), Associate Professor; Theory of Statistics.

A. Emch, Ph.D. (Kansas), Associate Professor; Advanced Algebraic Geometry; Non-euclidean Geometry; Algebraic Forms.

A. B. Coble, Ph.D. (Johns Hopkins), Professor; Algebraic Geometry and Related Function Theory.

J. E. Slaught, Ph.D. (Chicago), Professor; Elliptic Functions.

University of Iowa

H. L. Rietz, Ph.D. (Cornell), Professor.

E. W. Chittenden, Ph.D. (Chicago), Professor.

University of Kansas

Departmental library, 2,500 volumes with complete sets of all important journals.

C. H. Ashton, Ph.D. (Munich); Elliptic Functions.

U. G. Mitchell, Ph.D. (Princeton); Projective Geometry and Number Theory.

E. B. Stouffer, Ph.D. (Illinois); Projective Differential Geometry and Determinals.

H. E. Jordan, Ph.D. (Chicago).

G. W. Smith, Ph.D. (Illinois).

University of Michigan

Statistical laboratory.

J. W. Glover, Ph.D. (Harvard), Chairman of the Mathematics Department in the College of Literature, Science and the Arts; Actuarial and Statistical Science.

J. L. Markley, Ph.D. (Harvard); Bessel's Functions and in Theory of Functions of Real and Complex Variables.

W. B. Ford, Ph.D. (Harvard); Linear Difference Equations and Convergence of the Series of Mathematical Physics and Allied Topics. Editor in Chief of "The American Mathematical Monthly."

J. W. Bradshaw, Ph.D. (Strassburg); Descriptive, and Projective Geometry.

L. C. Karpinski, Ph.D. (Strassburg); History of Mathematics; Teaching of Mathematics.

G. Y. Rainich, Magister of Pure Mathematics (Kazan); Mathematical Physics; The Theory of Relativity; Differential Geometery; Vector and Tensor Analysis and the Theory of Numbers.

H. C. Carver, S.B. (Michigan); Statistics; Casualty Insurance.

N. H. Anning, A.M. (Queen's); Theory of Numbers and Geometry.

C. J. Coe, A.M. (Michigan and Harvard); Differential Equations and the Stereometry of Hyperspace.

R. L. Wilder, Ph.D. (Texas); Analysis Situs; Theory of Functions of the Real Variable, and Point Set Theory.

J. A. Nyswander, Ph.D. (Chicago); Theory of Differential Equations and Projective Geometry.

P. Field, Ph.D. (Cornell); Geometry and Mechanics.

T. R. Running, Ph.D. (Wisconsin); Graphical Methods.

T. H. Hildebrandt, Ph.D. (Chicago); Functional Analysis.

C. E. Love, Ph.D. (Michigan); Differential Equations.

L. A. Hopkins, Ph.D. (Chicago); Celestial Mechanics, particularly in relation to the problem of Asteroid Motions.

V. C. Poor, Ph.D. (Chicago); Mathematical Physics.

L. J. Rouse, Ph.D. (Michigan); Harmonic Analysis with Application to Problems of Physics.

W. W. Denton, Ph.D. (Illinois); Mathematical Physics.

J. A. Shohat, Magister of Pure Mathematics (Petrograd), Functions of Real Variables, Theory of Approximations, Orthogonal Functions and Algebraic Continued Fractions.

D. K. Kazarinoff, Imperial University of Moscow, First Class Diploma, 1916; Aerodynamics.

F. W. Kokomoor, Ph.D. (Michigan); History of Mathematics.

University of Minnesota

W. E. Brooke, M.A. (Göttingen).
W. H. Bussey, Ph.D. (Chicago).
H. H. Dalaker, Ph.D. (Cornell).
W. L. Hart, Ph.D. (Chicago).
W. F. Holman, Ph.D. (Göttingen).
D. Jackson, Ph.D. (Göttingen).
W. H. Kirchner, B.S. (Worcester Polytechnic Institute).
R. W. Brink, Ph.D. (Harvard).
J. Q. Jones, M.C.E. (Cornell).
A. L. Underhill, Ph.D. (Chicago).
Gladys Gibbens, Ph.D. (Chicago).

University of Missouri

General Library: 235,000 volumes, including 2,500 books and 30 current periodicals on Mathematics.

"Mathematical Series," I (1913).

W. D. A. Westfall, Ph.D. (Göttingen); Analysis and Statistics.

G. E. Wahlin, Ph.D. (Yale); Algebra and Number Series.

L. Ingold, Ph.D. (Chicago); Geometry.

H. Betz, Ph.D. (Yale); Differential Equations and Mathematical Physics.

University of Nebraska

Departmental Library, 6,000 volumes including bound volumes of all leading Mathematical Journals.

W. C. Brenke, Ph.D. (Harvard); Infinite Series.

M. G. Gaba, Ph.D. (Chicago); Foundations of Mathematical Geometry.

T. A. Pierce, Ph.D. (California); Theory of Numbers; Algebra.

A. L. Candy, Ph.D. (Nebraska); Analytic Geometry.

University of North Carolina

Library in Phillips Hall in conjunction with Engineering and Physics, including journal files. Collection of models.

See Chemistry, Physics.

A. Henderson, Ph.D. (North Carolina, 1902; Chicago, 1915); Theory of Relativity.

J. W. Lasley, Jr., Ph.D. (Chicago); Projective Differential Geometry.

A. W. Hobbs, Ph.D. (Johns Hopkins); Mechanics.

A. S. Winsor, M.A. (Mount Allison); Inversive Geometry.

E. L. Mackie, A.M. (Harvard); Calculus of Variations.

E. T. Browne, Ph.D. (Chicago); Modern Higher Algebra.

University of Pennsylvania

E. S. Crawley, Ph.D. (Pennsylvania); Higher Geometry.

G. H. Hallett, Ph.D. (Pennsylvania); Algebra, Analysis.

H. B. Evans, Ph.D. (Pennsylvania); Mathematics of Engineering.

O. E. Glenn, Ph.D. (Pennsylvania); Theory of Invariants.

F. H. Safford, Ph.D. (Harvard); Orthogonal Surfaces.

G. G. Chambers, Ph.D. (Pennsylvania); Statistical Analysis.

H. H. Mitchell, Ph.D. (Princeton.)

M. J. Babb, Ph.D. (Pennsylvania); History of Mathematics.
F. W. Beal, Ph.D.
J. R. Kline, Ph.D. (Pennsylvania).

University of Virginia

Departmental Library, 2,000 volumes.
W. H. Echols, C.E. (Virginia).
J. M. Page, Ph.D. (Leipzig).
J. J. Luck, Ph.D. (Virginia).
B. Z. Linfield, Ph.D. (Harvard); Research Professor.

University of Wisconsin

E. B. Skinner, Ph.D. (Chicago), Professor; Finite Groups; Algebraic Numbers.
C. S. Slichter, Sc.D. (Northwestern), Professor; Applied Mathematics; Flow of Underground Waters.
E. B. Van Vleck, Ph.D. (Göttingen), Professor; Theory of Functions.
L. W. Dowling, Ph.D. (Clark), Associate Professor; Geometry.
A. Dresden, Ph.D. (Chicago), Associate Professor; Calculus of Variations.
H. W. March, Ph.D. (Munich), Associate Professor; Elasticity.
W. Weaver, Ph.D. (Wisconsin), Associate Professor; Electrodynamics.
R. W. Babcock, Ph.D. (Wisconsin), Assistant Professor; Advanced Engineering Mathematics.
J. H. Taylor, Ph.D. (Chicago), Assistant Professor; Generalized Geometries.

Washington University

Departmental library, 5,000 volumes including 1,800 volumes in Astronomy and 600 volumes in Mechanics.
G. O. James, Ph.D. (Johns Hopkins); Mechanics.
W. H. Roever, Ph.D. (Harvard); Analysis; Geometry; Algebra.
P. R. Rider, Ph.D. (Yale); Analysis; Calculus of Variations; Mathematical Statistics.
F. W. Bubb, Ph.D. (Chicago); Mathematical Physics.

Yale University

Mathematical Seminary contains a working library of 1,100 volumes. Hillhouse Mathematical Library in Sheffield Hall, 10,000 volumes. Files of journals devoted to mathematical research complete; collection of models illustrating analysis and geometry.
See Astronomy, Physics.
E. W. Brown, Sc.D. (Cambridge), (Christ's Coll., Hon. Fellow); Sterling Professor of Mathematics; Celestial Mechanics; Application of Mathematics to Physical Problems. Associate Editor, "Astronomical Journal."
J. Pierpont, Ph.D. (Vienna), Erastus L. DeForest Professor of Mathematics; Analysis.
P. F. Smith, Ph.D. (Yale), James E. English Professor of Mathematics; Transformation Theory; Differential Geometry.
W. R. Longley, Ph.D. (Chicago), Professor of Mathematics; Periodic Orbits; Theory of Implicit Functions and Applications; Differential Equations.
W. A. Wilson, Ph.D. (Yale), Associate Professor of Mathematics; Functions of Real Variables; Theory of Aggregates.
E. J. Miles, Ph.D. (Chicago), Associate Professor of Mathematics; Calculus of Variations.
J. I. Tracey, Ph.D. (Johns Hopkins), Associate Professor of Mathematics; Rational Curves of the Fourth and Fifth Degree and Associated Covariant Curves.
J. K. Whittmore, M.A. (Harvard), Associate Professor of Mathematics; Differential Geometry.

ASTRONOMY—ASTROPHYSICS

Cornell University

Astronomy and Geodesy.
S. L. Boothroyd.
P. H. Underwood.

Northwestern University

Dearborn Observatory.
P. Fox, M.S. (Kansas State); Double Stars; Stellar Parallax; Solar Physics.

Maude Bennot, S.B. (Northwestern); Stellar Parallax; Proper Motions.

C. T. Elvey, M.S. (Kansas); Stellar Spectroscopy, Spectrophotometry.

Princeton University

The Halsted Observatory contains an equatorial telescope of 23 inches aperture, provided with a polarizing photometer especially suited for the observation of faint variable stars. Considerable observing time with the 23-inch telescope is available for graduate students.

The Observatory of Instruction is devoted mainly to the use of students. It possesses a 9½-inch equatorial (also by Clark) with accessories, a 5-inch camera by Brashear, transit instruments, chronographs, clocks, a measuring engine, etc.

Departmental library includes important astronomical publications and observatory contributions.

Card catalogue of eclipsing variable stars containing references to all known data. Extensive material published and unpublished on the analysis of spectra into series.

"Contributions from the Princeton University Observatory," I–VII (1911–1924).

Research material obtained by co-operative arrangement with the Mt. Wilson Observatory and the Bureau of Standards.

See: Physics and Mathematics.

H. N. Russell, Ph.D. (Princeton); General Astrophysics, Stellar Evolution; Spectroscopy, Photographic Astronomy, Stellar Parallax; Chairman of Committee on Line Spectra of the Elements, Division of Physical Science, National Research Council.

R. S. Dugan, Ph.D. (Heidelberg); Photometry, especially of Eclipsing Variable Stars.

J. Q. Stewart, Ph.D. (Princeton); Physics and General Astrophysics.

University of California

Lick Observatory, Mount Hamilton, California.

"Publications of the Lick Observatory," I–XV; "Contributions from the Lick Observatory," I–V; "The Lick Observatory Moon Atlas" (discontinued); and the "Lick Observatory Bulletin," I–XII.

Thirty-six-inch equatorial-objective by Alvan Clark and Sons. This instrument has also a photographic corrector of 33-inch aperture, figured by Alvan G. Clark.

Three-foot reflecting telescope. Twelve-inch equatorial. Six and a half-inch meridian circle. Six and a half-inch equatorial. Six and a half-inch Bruce comet seeker. Six-inch Crocker photographic telescope. Five-inch Floyd telescope. Five-inch horizontal photoheliograph. Four-inch transit. Four-inch comet seeker. Two spectroscopes, especially adapted for photography, for use with the 36-inch refractor. Two photometers for use with the 36-inch and 12-inch telescopes.

Thirty-six and a half-inch Cassegrain reflecting telescope, on summit of San Cristobal, in the northeast suburbs of Santiago, Chile.

Seismographs.

Astronomers: W. W. Campbell (Director of the Lick Observatory), R. G. Aitken (Associate Director), R. H. Tucker, W. H. Wright, J. H. Moore, F. J. Neubauer (Santiago, Chile).

Assistant Astronomers: R. J. Trumpler, H. M. Jeffers.

Astronomy, Berkeley Department:

R. T. Crawford, Ph.D. (California), Professor.

A. O. Leuschner, Ph.D. (Berlin), Professor.

S. Einarsson, Ph.D. (California), Associate Professor.

W. F. Meyer, Ph.D. (California), Associate Professor.

C. D. Shane, Ph.D. (California), Assistant Professor.

University of Chicago

Yerkes Observatory at Williams Bay, Wisconsin.

40-inch refracting telescope with Fowler micrometer, spectroheliograph, stellar spectrograph, attachments for photography and for photometry; 24-inch reflector; 12-inch refractor with solar spectroscope; comet-seeker; sky patrol. Spectroscopic and pho-

tographic laboratories, with Rowland concave grating, large spectrometer; registering microphotometer, sensitometer, Zeiss Blink comparator, and many measuring machines.

In separate buildings, the Bruce photographic telescope, of 10 inches aperture, with doublet of 6¼ inches aperture, and with new Ross lens of 3 inches aperture; Zeiss doublet of ultra-violet glass of 5.8 inches aperture, in Snow Building.

Main Building (1897); Snow Building (1903); Bruce Building (1905). Cost, $380,000.

Small students' observatory in Chicago, chiefly for undergraduate instruction, may also be used by graduates: 6-inch and 5-inch refracting telescopes, and a 3-inch transit instrument.

Departmental libraries: Yerkes Observatory: Bound volumes, 7,969; unbound volumes, 3,453; pamphlets, 4,760. Ryerson Laboratory in Chicago: Bound volumes and pamphlets, 3,500.

"Publications of the Yerkes Observatory," I–V (1900–1927). "Astrophysical Journal," by University of Chicago Press and edited by the Director of the Yerkes Observatory and the Director of the Ryerson Laboratory, I–LXIV (1895–1926).

In Chicago:

W. D. MacMillan, Ph.D. (Chicago), Professor; Celestial Mechanics and Cosmogony; Periodic Orbits; General Mechanics.

K. Laves, Ph.D. (Berlin), Associate Professor; Theoretical Astronomy; Theory of Satellites.

W. Bartky, Ph.D. (Chicago), Instructor; Mathematical Astronomy.

At Yerkes Observatory:

E. B. Frost, Professor and Director of the Yerkes Observatory; Astrophysics.

G. Van Biesbrœck, Dr. of Engineering (Ghent)), Professor; Visual and Photographic Astronomy.

S. B. Barrett, Associate Professor; Stellar Spectroscopy.

F. E. Ross, Ph.D. (California), Associate Professor; Astrometry and Celestial Photography.

O. Struve, Ph.D. (Chicago), Instructor; Celestial Spectroscopy.

G. W. Moffitt, Ph.D. (Stanford), Research Associate; Astrometry.

W. W. Morgan, Assistant in Astrophysics.

University of Illinois

R. H. Baker, Ph.D. (Pittsburgh), Professor; Stellar Astronomy.

University of Michigan

Equipment: 37½-inch reflector with auxiliary spectrographs; 27-inch refractor, with auxiliary micrometer; 12¼-inch refractor, with auxiliary micrometer; 10-inch refractor; 6-inch refractor, with auxiliary cameras; 6-inch meridian circle; 3-inch transit; 4 modern seismographs; 1 Hartmann spectrocomparator; 1 Hartmann microphotometer; 5 spectrographic measuring engines. Total value of equipment, $150,000. The observatory is exceptionally well-equipped for studies of stellar spectra.

Observatory Library, 3,000 volumes and many pamphlets. It contains nearly all the printed star catalogues, most of the modern publications of observatories and astronomical societies, and files of the various astronomical periodicals.

"Astronomical Notices," 1858–1862. "Publications of the Astronomical Observatory of the University of Michigan," I–III (1912–1923).

Detroit Observatory, University of Michigan, Ann Arbor (with southern station at Bloemfontein, South Africa):

R. H. Curtiss, Ph.D. (California); Astrophysics.

R. A. Rossiter, Ph.D. (Michigan); Astrometry and Astrophysics.

W. C. Rufus, Ph.D. (Michigan); Solar Physics and Astrophysics.

H. F. Schiefer, A.M. (Michigan); Celestial Mechanics and Astrophysics.

University of Minnesota

F. P. Leavenworth, M.A. (Indiana).

W. O. Beal, Ph.D. (Chicago).

University of Missouri

Observatory (formerly Laws Observatory): Building, $12,000; equipment, $8,000.

E. S. Haynes, Ph.D. (California); Theoretical Astronomy and Photometry.

University of Nebraska

Equipment valued at $2,500.

G. D. Swezey, A.M. (Beloit); Astronomy.

University of Pennsylvania

"University of Pennsylvania Astronomical Series," I–IV (1899–1922).

S. G. Barton, Ph.D. (Pennsylvania), Assistant Professor; Double Stars; Declination of Stars; Asteroids.

University of Virginia

The Leander McCormick Observatory. Refractor of 26 inches aperture, by Clark. Systematic observation of variable stars. Observatory is cooperating with Harvard and the American Association of Variable Star Observers. Present value of telescope and equipment, $150,000.

McCormick Collection, 7,000 volumes.

S. A. Mitchell, Ph.D. (Johns Hopkins).

C. P. Olivier, Ph.D. (Virginia).

University of Wisconsin

J. Stebbins, Ph.D. (California), Professor; Stellar-photometry.

Washington University

Departmental collection, 1,800 volumes.

C. O. James, Ph.D. (Johns Hopkins); Celestial Mechanics.

Jessica M. Young, Ph.D. (California); Celestial Mechanics; Theory of Orbits.

Yale University

Winchester Observatory (1880); Additions (1924 and 1925). Cost, $50,000. Total value of laboratory equipment, $35,000.

Cœlostat (1920); 15-inch and 10-inch objectives; 50 feet focal length.

Catalog camera (1921); 6-inch aperture.

Zenith camera (1922); 10-inch photographic lens.

26-inch photographic refractor, 36 feet focal length. (At Johannesburg, South Africa). Erected 1925.

The University Library contains 14,300 volumes relating to the departments of mathematics and astronomy. The Yale Observatory contains a working library of 3,000 volumes.

"The Transactions of Yale Observatory," founded 1887. Three volumes issued 1923–26.

See: Mathematics, Physics.

E. W. Brown, B.A. (Cambridge), Sterling Professor of Mathematics; New Lunar Theory and Tables; Periodic Orbits; Trojan Group or Asteroids; Rotation Motion of a Fluid; Evolution of Nebulæ and Solar System.

F. Schlesinger, Ph.D. (Columbia), Director of the Observatory; Perfection of Astronomical Photography; Stellar Parallax; Variation in Latitude; Spectroscopic Binaries; Proper Motions.

J. Schilt, Ph.D. (Groningen); Research Assistant at the Observatory; Astronomical Photometry; Variable Stars; Stellar Distribution.

PHYSICS

The Catholic University of America

Equipment, $25,000.

Departmental library, 1,500 volumes.

D. W. Shea, Ph.D. (Berlin).

Clark University

Departmental library, 5,500 volumes.

Science Building (1889) houses the departments of Physics and Chemistry. Equipment, $50,000.

R. H. Goddard, Ph.D. (Clark); Research on High-Altitude Rocket and Allied Problems.

P. M. Roope, A.M. (Clark); Modern Theories of Physics, and Velocity of Gravitation.

Columbia University

Physics Laboratories (1926) cost $1,500,000. Laboratory equipment, $250,000.

Departmental library, 4,200 volumes; 55 sets of periodicals.

Reprints of articles from Physics journals

issued as numbers of contributions from the Phœnix Laboratories, Columbia University.

M. I. Pupin, Ph.D. (Berlin), Professor of Electro-Mechanics. Director of Phœnix Research Laboratories.

Margaret E. Maltby, Ph.D. (Göttingen), Associate Professor.

C. L. Poor, Ph.D. (Johns Hopkins), Professor of Celestial Mechanics.

A. P. Wills, Ph.D. (Clark), Professor of Mathematical Physics.

G. B. Pegram, Ph.D. (Columbia), Professor.

B. Davis, Ph.D. (Columbia), Professor.

J. P. C. Southall, M.A. (Virginia), Professor.

C. H. Burnside, A.M. (Columbia), Associate Professor of Mechanics.

H. W. Farwell, A.M. (Columbia), Associate Professor.

H. W. Webb, Ph.D. (Columbia), Associate Professor.

W. L. Severinghaus, Ph.D. (Columbia), Assistant Professor.

Shirley L. Quimby, Ph.D. (Columbia), Assistant Professor.

R. De L. Kronig, Ph.D. (Columbia), Lecturer.

C. M. Slack, Ph.D. (Columbia), Instructor.

Cornell University

E. Merritt.
J. E. Trevor.
F. Bedell.
F. K. Richtmyer.
R. C. Gibbs.
C. C. Bidwell.
E. H. Kennard.
H. E. Howe.
C. C. Murdock.
J. R. Collins.
F. G. Tucker.
R. M. Fisher.
A. R. Riddle.
E. E. Zimmerman.

Harvard University

Jefferson Physical Laboratory (1884).

Departmental library: Physics (including Astronomy), 9,000 volumes; Astronomical Observatory, 60,000 volumes.

"Contributions from the Jefferson Physical Laboratory," I–XVII (1902).

T. Lyman, Ph.D. (Harvard), Professor Emeritus; Spectroscopy of Short-wave Light.

G. W. Pierce, Ph.D. (Harvard), Professor; Electrical Oscillations; Electric Waves; Sound; etc.

P. W. Bridgman, Ph.D. (Harvard), Professor; Phenomena at High Pressures.

F. A. Saunders, Ph.D. (Johns Hopkins), Professor; Spectrum Series.

W. Duane, Ph.D. (Berlin), Professor; X-rays.

E. L. Chaffee, Ph.D. (Harvard), Professor; Electric Oscillations and Thermoionic Vacuum Tubes.

E. C. Kemble, Ph.D. (Harvard), Assistant Professor; Quantum Theory and Infrared Spectra.

R. F. Field, A.M. (Harvard), Assistant Professor; Radio-frequency Measurements.

J. C. Slater, Ph.D. (Harvard), Assistant Professor; Atomic Structure and Quantum Theory.

W. T. Borie, Ph.D. (Harvard), Assistant Professor of Bio-Physics.

Indiana University

Science Hall (1910) cost $100,000. Apparatus for visualizing and photographing sound waves, for generating sounds of constant intensity over wide ranges of pitch, and for measuring such intensity. Special accoustic laboratory.

Departmental Library, 1,850 volumes and 21 periodicals.

Members of the Department may publish in the "Indiana University Studies."

A. L. Foley, Ph.D. (Cornell); Sound; Spectrum Analysis; Surface Tension.

R. R. Ramsey, Ph.D. (Cornell); Radioactivity; Atomic Structure; Radio-frequency.

J. B. Dutcher, Ph.D. (Indiana); Light; Heat.

M. E. Hufford, Ph.D. (Indiana); Diffraction and Discharge of Electricity in Gases.

Northwestern University

Physics Laboratory (1886), cost $50,000; equipment, $60,000. Special instruments: A large water-cooled Societé Genevoise electro magnet radiometer, for accurate measurement of radiant heat; a 10-foot Rowland concave grating; a 25-foot Michelson spectrograph.

Departmental library, 1,500 volumes; about same number on subject in general library.

H. Crew, Ph.D. (Johns Hopkins); Spectroscopy.

K. K. Smith, Ph.D. (Princeton); Electricity and Magnetism.

B. J. Spence, Ph.D. (Princeton); Heat and Radiation.

Ohio State University

Mendenhall Laboratory (1905, 1916, 1922), $205,000.

A. D. Cole, M.A. (Brown), Professor; Infra-red Radiation.

F. C. Blake, Ph.D. (Columbia), Professor; Crystal Structures and X-ray.

A. W. Smith, Ph.D. (Harvard), Professor; Absorption Spectra.

R. F. Earhart, Ph.D. (Chicago), Professor; Conduction of Electricity Through Gases.

Princeton University

Palmer Physical Laboratory (1908) cost $650,000. Original endowment of $200,000 supplemented by additional funds which give to the department $25,000 each year.

Departmental library in Palmer Physical Laboratory, 3,750 volumes. Files of the Journals practically complete.

W. F. Magie, Ph.D. (Berlin); Specific Heats and Other Properties of Solutions.

E. H. Loomis, Ph.D. (Strassburg); Freezing Points of Solutions.

E. P. Adams, Ph.D. (Harvard); Electron Theory of Conduction; Corbino Effect, etc.

H. L. Cooke, M.A. (McGill); Thermionics.

K. T. Compton, Ph.D. (Princeton); Electron Theory, Ionization, Radiation and Ionizing Potentials, etc.

H. D. Smyth, Ph.D. (Princeton); Positive Ray Analysis in Problems of Ionization.

A. G. Shenstone, Ph.D. (Princeton); Analysis of Spectra.

L. A. Turner, Ph.D. (Princeton); Analysis of Spectra.

C. T. Zahn, Ph.D. (Princeton); Electric Moments of Gaseous Molecules.

Stanford University

Special equipment for research in X-rays and lights. In both of these fields, attention is being focused on measurements of intensities and their relations to theories of radiation. Equipment, $45,000.

Departmental library: Journals, 900 volumes; general, 35c volumes.

D. L. Webster, Ph.D. (Harvard), Professor; X-rays.

F. J. Rogers, M.S. (Cornell), Professor.

P. A. Ross, Ph.D. (Stanford), Professor; X-rays.

J. G. Brown, A.M. (Stanford), Associate Professor; Atmospheric Electricity.

E. R. Drew, Ph.D. (Cornell), Associate Professor.

G. R. Harrison, Ph.D. (Stanford), Associate Professor; Line Spectra and Intensity Measurements.

University of California

Le Conte Hall (1923), $455,600. Equipment, $93,789.75.

R. T. Birge, Ph.D. (Wisconsin), Professor.

E. E. Hall, Ph.D. (Cornell), Professor.

E. P. Lewis, Ph.D. (Johns Hopkins), Professor.

R. S. Minor, Ph.D. (Göttingen), Professor.

F. Slate, B.S. (Brooklyn Polytechnic), Professor.

F. S. Brackett, Ph.D. (Johns Hopkins), Associate Professor.

L. B. Loeb, Ph.D. (Chicago), Associate Professor.

W. J. Raymond, B.S. (California), Associate Professor.

W. H. Williams, Graduate, United States Military Academy, Associate Professor.

E. Dershem, Ph.D. (Iowa), Assistant Professor.

J. J. Hopfield, Ph.D. (California), Assistant Professor.

L. T. Jones, Ph.D. (Illinois), Assistant Professor.

V. F. Lenzen, Ph.D. (Harvard), Assistant Professor.

L. M. Moore, Ph.D. (California), Assistant Professor.

University of Chicago

Ryerson Physical Laboratory (1893; Annex, 1912).

Departmental library, 7,000 volumes; 61 periodicals. Files of all the journals are practically complete. John Crerar Library in Chicago has about 700,000 volumes, including 4,000 periodicals and 16,000 other serials. The division of Physical Sciences has about 43,000 volumes.

"Astrophysical Journal," I–LXV (1895–).

See Astronomy, Chemistry, Mathematics.

A. A. Michelson, Ph.D. (Leipzig, Göttingen, Paris); Optics.

H. G. Gale, Ph.D. (Chicago); Spectroscopy. Editor, "Astrophysical Journal."

A. H. Compton, Ph.D. (Princeton); X-rays.

A. J. Dempster, Ph.D. (Chicago); Isotopes and Electronics. Associate Editor of "Physical Review."

H. B. Lemon, Ph.D. (Chicago); Spectroscopy.

G. S. Monk, Ph.D. (Chicago); Light.

F. C. Hoyt, Ph.D. (Stanford); Mathematical Physics.

W. W. Watson, Ph.D. (Chicago); Band Spectra.

University of Illinois

Departmental library, 1,500 volumes.

A. P. Carman, D.Sc. (Princeton), Professor; Electricity and Magnetism.

E. H. Williams, Ph.D. (Illinois), Assistant Professor; Electrical and Magnetic Measurements.

C. T. Knipp, Ph.D. (Cornell), Professor; Electron Theory.

F. R. Watson, Ph.D. (Cornell), Professor; Architectural Acoustics.

J. Kunz, Ph.D. (Zurich), Professor; Dynamics.

W. F. Schulz, Ph.D. (Johns Hopkins), Associate Professor.

University of Iowa

"Studies in Physics."

G. W. Stewart, Ph.D. (Cornell), Professor and Head of Department.

J. A. Eldridge, Ph.D. (Wisconsin), Associate Professor.

C. J. Lapp, Ph.D. (Illinois), Assistant Professor.

A. Ellett, Ph.D. (Johns Hopkins), Assistant Professor.

University of Kansas

Physics Building (1895) cost $100,000. Equipment, $50,000. Special equipment in electricity (oscillographs, high potential D. C.), optics, X-rays.

Departmental library, 2,500 volumes in physics and 800 volumes in astronomy.

F. E. Kester, Ph.D. (Cornell); Thermo Dynamics, Mechanics. Investigation of free expansion of gases, absorption of gases.

D. Alter, Ph.D. (California), Professor of Astronomy; Asteroids; Periodicities of Rainfall and of Sun Spots.

C. V. Kent, Ph.D. (Michigan); Metallic Conduction of Electricity; Metallic Reflection of Light.

M. E. Rice, M.A. (Kansas); Electrical Theory and Measurements.

J. D. Stranathan, M.A. (Kansas); Radio Theory and Practice. Electron Theory.

University of Michigan

Physics Building (1924) cost $457,500. Old Physics Building contains instrument shops and glass-blowing shop. Special equipment for Infra-red Spectroscopy, Photographic Spectroscopy, X-ray Spectroscopy.

Departmental library, 2,234 volumes; Reed-Guthe Collection, 414 volumes; periodicals received in departmental library, 35.

In the General Library and the departmental libraries of the allied sciences and engineering, some 5,000 additional volumes are available.

Papers by members of the staff have been collected and bound in volumes entitled "Contributions from the Physical Laboratory of the University of Michigan," I–VII (1911–1926).

H. M. Randall, Ph.D. (Michigan); Infra-red Spectroscopy.

N. H. Williams, Ph.D. (Michigan); Magnetism; Vacuum-Tube Phenomena.

W. F. Colby, Ph.D. (Michigan); Infra-red Spectroscopy (theoretical and experimental).

A. W. Smith, Ph.D. (Johns Hopkins); Heat and Magnetism.

E. F. Barker, Ph.D. (Michigan); Band Spectra; Infra-red and Photographic.

W. W. Sleator, Ph.D. (Michigan); Band Spectra; Infra-red and Photographic.

G. A. Lindsay, Ph.D. (Michigan); Elastic Properties of Wires; X-ray Spectroscopy.

R. A. Sawyer, Ph.D. (Chicago); Spectroscopy (visible to extreme Ultra-violet).

O. S. Duffendack, Ph.D. (Princeton); Spectroscopy of Electron Impact Sources.

C. F. Meyer, Ph.D. (Johns Hopkins); Spectroscopy (photographic and infra-red.)

J. M. Cork, Ph.D. (Michigan); Radio and X-rays.

J. P. Cooley, Ph.D. (Michigan); Band Spectra; Infra-red.

O. Laporte, Ph.D. (Munich); Spectroscopy and Series Relations.

University of Minnesota

Physics:

H. A. Erikson, Ph.D. (Chicago).
J. T. Tate, Ph.D. (Berlin).
A. Zeleny, Ph.D. (Minnesota).
L. F. Miller, Ph.D. (Chicago).
J. Valasek, Ph.D. (Minnesota).
J. H. Van Vleck, Ph.D. (Harvard).
J. W. Buchta, Ph.D. (Minnesota).

Bio-Physics:

C. Sheard, Ph.D. (Princeton).
G. M. Higgins, Ph.D. (Illinois).
K. W. Stenstrom, Ph.D. (Lund).

University of Missouri

Physics Building (1912), $175,000. Equipment, $50,000.

O. M. Stewart, Ph.D. (Cornell); Electricity.

H. M. Reese, Ph.D. (Cornell); Optics.

University of Nebraska

Brace Laboratory of Physics (1905) valued at $60,000. Equipment, $40,000.

Departmental library, 2,000 volumes.

J. E. Almy, Professor; Conduction of Electricity through Gases.

H. H. Marvin, Professor; Absorption and Dispersion of Radiation, Zeeman Effect.

T. T. Smith, Professor; Optical Instruments; Magnetism.

University of North Carolina

Laboratory facilities: Phillips Hall (1917).

A. H. Patterson, A.M. (Harvard); Atomic Structure; Relativity; X-rays.

O. Stuhlman, Jr., Ph.D. (Princeton); Photoelectric Effects; Ultra-violet Light.

E. K. Plyler, Ph.D. (Cornell); Infra-red Waves.

University of Pennsylvania

A. W. Goodspeed, Ph.D. (Pennsylvania), Professor; X-rays and Radium.

H. C. Richards, Ph.D. (Pennsylvania), Professor; Mathematical Physics; Optics.

H. C. Barker, Ph.D. (Pennsylvania), Professor.

C. B. Bazzoni, Ph.D. (Pennsylvania), Professor; Soft X-rays; Ionization; Resonance Potentials.

T. D. Cope, Ph.D. (Pennsylvania), Professor; Dynamical and Acoustical Problems.

D. H. Kabakjian, Ph.D. (Pennsylvania), Professor; Radio-activity.

M. R. Harkins, Ph.D. (Pennsylvania), Professor.

A. N. Lucian, Ph.D. (Yale), Assistant Professor; X-rays; Modern Electro Physics (ionization, electron emission, etc.).

R. Morgan, Ph.D. (Pennsylvania), Assistant Professor; Experimental Work in Optics and Radio.

J. T. Lay, B.S., Lecturer.

University of Virginia

Rouss Physical Laboratory (1891–6) cost $60,000. Equipment, $30,000.

Departmental Library, 2,000 volumes.

C. M. Sparrow, Ph.D. (Johns Hopkins).

L. G. Hoxton, Ph.D. (Johns Hopkins).

F. L. Brown, Ph.D. (Northwestern).

University of Wisconsin

P. Debye, Professor of Physics, University of Zurich (in residence second semester, 1926–27).

L. R. Ingersoll, Ph.D. (Wisconsin), Professor; Magnetic Rotation.

C. E. Mendenhall, Ph.D. (Johns Hopkins), Professor; Radiation.

E. Schrodinger, Professor, University of Zurich (in residence January-February, 1927).

J. R. Roebuck, Ph.D. (Toronto), Associate Professor; Joule-Kelvin Effect.

E. M. Terry, Ph.D. (Wisconsin), Associate Professor; Magnetism; Radio-Telegraphy.

H. B. Wahlin, Ph.D. (Chicago), Assistant Professor; Ionic Mobility.

R. C. Williamson, Ph.D. (Wisconsin); Photo-electric Effect.

Allied Departments:

E. Bennett, E. E. (Pittsburgh), Professor; Transient Phenomena.

C. I. Corp, M.E. (Wisconsin), Professor; Hydraulics.

J. H. Mathews, Ph.D. (Harvard), Professor; Thermo-chemistry.

E. R. Maurer, B.C.E. (Wisconsin), Professor; Mechanics.

F. Daniels, Ph.D. (Harvard), Associate Professor; Photo-chemistry.

L. J. Peters, E.E. (Wisconsin), Assistant Professor; Radio circuits.

Washington University

Physics Laboratory (1902) valued at $200,000. Equipment, $40,000.

Departmental library, 4,600 volumes.

A. L. Hughes, D.Sc. (Liverpool), B.A. (Cambridge); Photoelectricity; Spectroscopy; Ionization in Gases.

G. E. M. Jauncey, D.Sc. (Adelaide, Australia); X-rays.

C. F. Hagenow, Ph.D. (Chicago); Spectroscopy.

L. Pyle, M.A. (Michigan).

Yale University

Sloane Physics Laboratory (1912). Present value, $1,000,000.

University Library contains 16,000 volumes on Physics and Chemistry. Sloane Physics Laboratory library, 2,152 volumes and 22 periodicals. Library of Sterling Chemistry Laboratory also available.

A. F. Kovarik, Ph.D. (Minnesota), Professor; Mobility of Ions in Gases; Absorption and Reflection of Beta Particles; Periods of Radioactive Substances; Recoil Atoms; Statistical Method for Alpha and Beta Particles.

L. Page, Ph.D. (Yale), Professor; Principle of Relativity; Photoelectric Effect; Atomic Structure; Electrodynamics.

W. F. G. Swann, B.Sc. (London), A.R.C.S. (London), D.Sc. (City and Guilds London Institute), Professor and Director of Sloane Physics Laboratory; Thermal Measurements; Electromagnetic Theory; Electrical Conductivity; Relativity; Terrestrial Magnetism; Atmospheric Electricity. Associate Editor, "Journal of Franklin Institute."

J. Zeleny, Ph.D. (Minnesota), B.A. (Cambridge), Professor; Chairman of Department; Electrical Conduction through Gases; Mobility of Ions; Electrical Discharge from Points; Vapor Pressure at Low Temperatures; Instability of Electrified Liquids; Unipolar Rotation. Associate Editor, "Journal of the Franklin Institute."

F. E. Beach, Ph.D. (Yale), Assistant Professor; Vector Analysis; Theory of Errors; Surface Tension. Associate Editor, "American Journal of Science."

C. D. Cooksey, Ph.D. (Yale), Assistant Professor; Radioactivity; X-rays.

A. T. Waterman, Ph.D. (Princeton), Assistant Professor; The Electrical Properties of Solids.

H. S. Uhler, Ph.D. (Johns Hopkins), As

sociate Professor; Spectroscopy. Associate Editor, "Journal of the Optical Society."

A. E. Ruark, Ph.D. (Johns Hopkins), Associate Professor; Spectroscopy; Critical Potentials.

CHEMISTRY

The Catholic University of America

Martin Maloney Chemical Laboratory (1917) cost $308,242. Equipment, $45,000.

Departmental library, 2,569 volumes.

H. Chambliss, Ph.D. (Johns Hopkins); Advanced Inorganic Chemistry.

H. P. Ward, Ph.D. (Catholic University); Advanced Organic Chemistry.

J. B. Tomlinson, Ph.D. (Catholic University); Advanced Quantative Analysis.

S. Klosky, Ph.D. (Johns Hopkins); Advanced Physical Chemistry.

Columbia University

Columbia University Chemistry Building consists of two parts: Havemeyer Hall (1896–97) present value $1,000,000; Chandler Laboratories (1925–27) cost $1,000,000. Total value of buildings, $2,000,000. Total value of equipment, about $400,000.

Library contains about 19,000 volumes on chemistry, of which 14,000 are shelved in the chemistry building, exclusive of dissertations.

Department of Chemistry publishes research papers by its officers and students in various chemical journals, and these are listed as a series of "Contributions," begun in 1898 and now numbering 529, distributed through 28 annual volumes.

M. T. Bogert, A.B., Ph.B. (Columbia), Professor of Organic Chemistry; Synthetic Organic Chemistry.

J. L. R. Morgan, Ph.D. (Leipzig), Professor of Physical Chemistry; Physical Chemistry; Research in Photo-chemistry; Electrolytic Conductance.

H. C. Sherman, Ph.D. (Columbia), Mitchill Professor of Chemistry and Executive Officer of the Department; Chemistry of Food and Nutrition; Enzyme and Vitamin Research.

Marie Reimer, Ph.D. (Bryn Mawr), Professor of Chemistry; Organic Chemistry; Mechanism of Reactions of Organic Compounds.

H. T. Beans, Ph.D. (Columbia), Professor of Chemistry; Analytical Chemistry; Research in Physical Chemistry as Related to Analytical Methods; Research in the Chemistry of Colloids.

T. B. Freas, Ph.D. (Chicago), Professor of Chemistry; Thermo-Dynamics and Research in the Kinetic Theory.

J. E. Zanetti, Ph.D. (Harvard), Associate Professor of Chemistry; Analytical, Physical and Organic Chemistry.

J. M. Nelson, Ph.D. (Columbia), Professor of Organic Chemistry; Organic Chemistry; Enzyme and Stereo-chemical Research.

C. D. Carpenter, Ph.D. (Chicago), Associate Professor of Chemistry; Inorganic Chemistry; Research upon Vapor Pressures.

Eleanor Keller, A.M. (Columbia), Assistant Professor of Chemistry; Inorganic and Analytical Chemistry.

H. A. Fales, Ph.D. (Columbia), Associate Professor of Chemistry; Analytical and Physical Chemistry.

A. W. Thomas, Ph.D. (Columbia), Associate Professor of Food Chemistry, Colloid Chemistry; Analytical and Physical Chemistry of Carbohydrates, Fats, and Proteins.

S. J. Kiehl, Ph.D. (Columbia), Assistant Professor of Chemistry; Inorganic, Analytical, and Physical Chemistry.

F. Barry, Ph.D. (Harvard), Assistant Professor of the History of Science; Physical Chemistry; Thermometric Methods of High Precision, and Energy Relations of Slow Chemical Reactions.

L. P. Hammett, Ph.D. (Columbia), Assistant Professor of Chemistry; Analytical and Physical Chemistry; Research upon Electrode Potentials, Reaction Velocities, Oxidation Reduction Reactions, and Valence Theory.

V. K. La Mer, Ph.D. (Columbia), Assistant Professor of Chemistry; Physical Chemistry; Research in Theories of Electrolytes and in Catalysis.

T. C. Taylor, Ph.D. (Columbia), Assistant Professor of Chemistry; Organic Chemistry; Investigation of Structure of Natural Organic Compounds.

Cornell University

L. M. Dennis.
W. R. Orndorff.
W. D. Bancroft.
G. W. Cavanaugh.
E. M. Chamot.
A. W. Brown.
F. H. Rhodes.
T. R. Briggs.
M. L. Nichols.
J. Papish.
A. E. McKinney.
F. R. Georgia.
C. W. Mason.
E. B. Johnson.
R. B. Corey.
C. W. Tucker.

Harvard University

Boylston Hall (1857, with addition in 1901, 1902, 1904, and 1905) has equipment for specific researches in theoretical organic chemistry; photo-chemistry and ultra-violet region; absorption of gases; conductivities and other properties of solutions; inorganic preparative chemistry; oxidation-reduction potentials of organic compounds; catalysis of gas reactions.

T. Jefferson Coolidge Memorial Laboratory for quantitative analysis and research (1913). Equipped for special researches: atomic weights, physical-chemical properties of inorganic substances; spectro-photometry; study of rare gases.

Wolcott Gibbs Memorial Laboratory for research in physical and inorganic chemistry (1913). Special equipment: Atomic weights, piezo chemistry; physical-chemical properties; surface tension; radio chemistry.

Library contains 24,400 volumes in field of chemistry.

A. Michael, Ph.D. (Tufts), Professor of Organic Chemistry.

T. W. Richards, Ph.D. (Harvard); Physical Chemistry; Atomic Weights; Compressibility.

E. P. Kohler, Ph.D. (Johns Hopkins); Organic Chemistry; Unsaturated Compounds.

G. P. Baxter, Ph.D. (Harvard); Inorganic and Physical Chemistry; Atomic Weights.

L. J. Henderson, M.D. (Harvard); Biological Chemistry.

A. B. Lamb, Ph.D. (Harvard); Physical Chemistry; Absorption; Catalysis.

G. S. Forbes, Ph.D. (Harvard); Physical Chemistry; Electro-chemistry; Photo-chemistry.

G. Jones, Ph.D. (Harvard); Physical Chemistry; Industrial Chemistry; Electro-chemistry.

J. B. Conant, Ph.D. (Harvard); Organic Chemistry; Oxidation and Reduction Potentials.

N. F. Hall, Ph.D. (Harvard); Inorganic and Physical Chemistry.

Indiana University

The University Library contains 181,658 volumes. The Chemistry Library contains 1,762 volumes. Chemistry periodicals: Complete files of 21.

Laboratory Facilities: Wylie Hall (1884), $30,000; third story (1899), $12,000. Laboratory equipment, $50,000. Special equipment for gas phase catalysis; electric furnace work; ultra-violet light; line production.

R. E. Lyons, Ph.D. (Heidelberg); Organic Chemistry.

O. W. Brown, A.M. (Indiana); Physical and Electro-chemistry.

F. C. Mathers, Ph.D. (Cornell); Inorganic Chemistry.

C. E. May, Ph.D. (Columbia); Organic and Biochemistry.

H. T. Briscoe, Ph.D. (Indiana); Inorganic Chemistry.

Johns Hopkins University

Chemistry Laboratory (1924) cost $700,000. Laboratory equipment, $25,000. Notable equipment for photochemical work for work in atomic structure, for research in general inorganic and physical chemistry High pressure equipment for organic chemistry.

Departmental library, 6,000 volumes; of which more than half are bound volumes of periodicals.

"American Chemical Journal," I–I (1879–1913).

E. E. Reid, Ph.D. (Johns Hopkins), Synthetic Organic Chemistry.

F. O. Rice, D.Sc. (Liverpool); Physical Organic Chemistry; Photochemistry; Kinetics.

W. A. Patrick, Ph.D. (Göttingen); Absorption; Colloids.

G. H. Cartledge, Ph.D. (Chicago); Inorganic and Physical Chemistry.

J. C. U. Frazer, Ph.D. (Johns Hopkins); Solutions; Catalysis; General Inorganic Chemistry.

H. C. Urey, Ph.D. (California); Atomic Structure.

F. R. Bichowsky, Ph.D. (California); Thermodynamics and Statistical Mechanics.

W. M. Thornton, Jr., Ph.D. (Yale.)

Northwestern University

Fayerweather Hall (1886), value $101,147; about two-thirds of which is used for chemistry, the rest for physics. An additional laboratory (1923) for the manufacture of rare chemicals and intermediates, is valued at $5,127. Laboratory equipment valued at $36,102.

Departmental library, 3,000 volumes, includes files of all important chemical periodicals. The rarer journals are available in the John Crerar Library in Chicago.

W. L. Lewis, Ph.D. (Chicago); Chemistry of the Carbohydrates.

M. A. Hines, Ph.D. (Harvard); Analytical Chemistry.

F. C. Whitmore, Ph.D. (Harvard); Organic Chemistry, especially Metallo-Organic Compounds.

W. V. Evans, Ph.D. (Columbia); Physical Chemistry, especially Chemiluminescence.

C. D. Hurd, Ph.D. (Princeton); Organic Chemistry, especially Thermal Decomposition.

S. C. Langdon, Ph.D. (University of Washington); Colloid Chemistry.

C. S. Palmer, Ph.D. (Illinois); Organic Chemistry, especially Chemistry of Arsenicals and Other Drugs.

C. R. Moller, Ph.D. (Illinois); Organic Chemistry.

J. H. Simons, Ph.D. (California); Physical Chemistry.

Ohio State University

Chemical laboratory (1905), cost $113,000. New laboratory being built which will cost over $1,000,000.

W. McPherson, Ph.D. (Chicago), Professor; Constitution of Certain Organic Compounds.

W. E. Henderson, Ph.D. (Johns Hopkins), Professor; Advanced Inorganic Chemistry.

W. L. Evans, Ph.D. (Chicago), Professor; The Oxidation Products of Carbohydrates.

C. W. Foulk, A.B. (Ohio State), Professor; Industrial Water Problems; Analytical Methods with Atomic Weight Precision.

C. E. Boord, Ph.D. (Ohio State), Professor; Chemistry of Rubber; Absorption Spectra of Organic Compounds; The Structure of Organic Compounds.

E. Mack, Jr., Ph.D. (Princeton), Professor; Dimensions of Molecules; X-ray Examination of Organic Crystals; Vapor Pressure and Heat of Vaporization of Organic Crystals.

W. G. France, Ph.D. (Michigan), Assistant Professor; Colloid Chemistry as Related to Problems in Ceramics and Similar Fields.

J. E. Day, Ph.D. (Ohio State), Assistant Professor; Advanced Inorganic Chemistry.

C. D. Looker, Ph.D. (Ohio State), Assistant Professor; Catalysis and Photo Chemistry.

M. Hollingsworth, Ph.D. (Ohio State), Assistant Professor; Analytical Chemistry.

Princeton University

Chemical Laboratory (general inorganic chemistry, quantitative analysis, physical chemistry, and metallography, and private laboratories); School of Science Building (qualitative analysis, lecture-room, and preparation room for general inorganic chemistry, laboratory for advanced inorganic chemistry, and part of the space devoted to organic chemistry; Class of 1877 Laboratory (organic chemistry). The laboratory of Physical Chemistry is especially equipped to conduct research work in standards of electromotive force and electric current, catalysis, and photochemistry. In the metallographic laboratory there are special

facilities for the investigation of alloy systems.

In library approximately 5,000 volumes on chemistry; 52 current periodicals dealing with chemistry and metallography.

L. W. McCay, D.Sc. (Princeton); Analytical Chemistry of Arsenic, Antimony, and Tin.

F. Neher, A.M. (Princeton); Organic Chemistry.

G. A. Hulett, Ph.D. (Leipzig); Solubility, Standard Cells, Coulometers; Coal and Charcoal.

A. W. C. Menzies, Ph.D. (Chicago); Vapor Pressures; Molecular Weights; Ebullioscopy, and Hygrometry.

L. W. Jones, Ph.D. (Chicago); Organic Chemistry of Hydroxylamine and Derivatives; Beckmann Rearrangement; Electron Conception of Valence; Organo-metallic Compounds; Electromers.

H. S. Taylor, D.Sc. (Liverpool); Catalysis; Thermodynamics; Photochemistry.

D. P. Smith, Ph.D. (Göttingen); Metallurgy; Occlusion; Electrode Processes.

N. H. Furman, Ph.D. (Princeton); Electroanalysis.

C. P. Smyth, Ph.D. (Harvard); Dielectric Constants; Refractive Indices; Molecular Structure.

G. Dougherty, Ph.D. (Princeton); Organic Chemistry.

Stanford University

Chemistry Buildings (1902) cost $250,000. Equipment and supplies, $111,765.64.

Department library: Total number of volumes, 2,420.

R. E. Swain, Executive Head, Ph.D. (Yale); Biochemistry.

E. C. Franklin, Ph.D. (Johns Hopkins); Organic Chemistry.

S. W. Young, B.S. (Cornell); Physical Chemistry.

J. M. McBain, Ph.D. (Heidelberg); Physical and Colloid Chemistry.

C. L. Alsberg, Ph.D. (College of Physicians and Surgeons); Food and Colloid Chemistry.

G. S. Parks, Ph.D. (California); Physical Chemistry.

M. L. Huggins, Ph.D. (California); Atomic and Crystal Structure.

Mary E. Laing, D.Sc. (Bristol); Colloid Chemistry.

J. M. Luck, Ph.D. (Cambridge); Biochemistry.

University of California

Gilman Hall (1917), $197,200; Chemistry Building (1890), $83,529. Equipment valued at $105,339.73.

W. C. Blasdale, Ph.D. (California), Professor.

W. C. Bray, Ph.D. (Leipzig), Professor.

J. H. Hildebrand, Ph.D. (Pennsylvania), Professor.

G. N. Lewis, Ph.D. (Harvard), Professor.

C. W. Porter, Ph.D. (California), Professor.

E. O'Neill, Ph.B. (California), Professor.

G. E. K. Branch, Ph.D. (California), Associate Professor.

E. D. Eastman, Ph.D. (California), Associate Professor.

G. E. Gibson, Ph.D. (Breslau), Associate Professor.

W. M. Latimer, Ph.D. (California), Associate Professor.

A. R. Olson, Ph.D. (California), Associate Professor.

M. Randall, Ph.D. (Massachusetts Institute of Technology), Associate Professor.

T. D. Stewart, Ph.D. (California); Associate Professor.

T. R. Hogness, Ph.D. (California), Assistant Professor.

University of Chicago

Kent Chemical Laboratory (1894) cost $250,000. Laboratory equipment, $75,000. For George Herbert Jones Chemical Research Laboratory, funds have been provided.

Departmental library, 7,500 volumes.

J. Stieglitz, Ph.D. (Berlin), Professor Organic Chemistry.

W. D. Harkins, Ph.D. (Stanford), Professor; Physical Chemistry and Atomistics

H. I. Schlesinger, Ph.D. (Chicago), Professor; Inorganic Chemistry.

Ethel M. Terry-McCoy, Ph.D. (Chicago), Assistant Professor; Physico-organic Chemistry.

J. W. E. Glattfeld, Ph.D. (Chicago), Assistant Professor; Organic Chemistry.

B. H. Nicolet, Ph.D. (Yale), Assistant Professor; Organic Chemistry.

Mary M. Rising, Ph.D. (Chicago), Assistant Professor; Organic Chemistry.

W. A. Noyes, Jr., D.-es-Sc. (Paris), Assistant Professor; Quantitative Analysis and Photochemistry.

T. F. Young, Ph.D. (California), Instructor; Physical Chemistry.

University of Illinois

Departmental library, 10,800 volumes. Laboratory equipment valued at $104,568.73.

R. Adams, Ph.D. (Harvard), Professor; Organic Chemistry.

W. H. Rodebush, Ph.D. (California), Professor; Physical and Electro Chemistry.

B. S. Hopkins, Ph.D. (Johns Hopkins), Professor; Inorganic Chemistry.

S. A. Braley, Ph.D. (Illinois), Assistant Professor; Analytical Chemistry.

H. C. Kremers, Ph.D. (Illinois), Assistant Professor; Inorganic Chemistry.

L. F. Yntema, Ph.D. (Illinois); Inorganic Chemistry.

C. S. Marvel, Ph.D. (Illinois), Assistant Professor; Organic Chemistry.

J. R. Johnson, Ph.D. (Illinois); Organic Chemistry.

W. C. Rose, Ph.D. (Yale), Professor; Physiological Chemistry.

H. S. Grindley, D.Sc. (Harvard), Professor; Animal Chemistry (animal nutrition).

T. E. Layng, Ph.D. (Illinois), Assistant Professor; Industrial Chemistry.

D. B. Keyes, Ph.D. (California), Professor; Industrial Chemistry.

A. M. Buswell, Ph.D. (Columbia), Professor; Sanitary Chemistry.

J. H. Reedy, Ph.D. (Yale), Assistant Professor; Inorganic Chemistry; Physical and Electrochemistry.

T. E. Phipps, Ph.D. (California); Physical and Electrochemistry.

H. A. Neville, Ph.D. (Princeton); Inorganic Chemistry.

G. F. Smith, Ph.D. (Michigan); Analytical Chemistry.

D. T. Englis, Ph.D. (Illinois), Assistant Professor; Food Chemistry; Phyto-chemistry.

W. H. Carothers, Ph.D. (Illinois); Organic Chemistry.

University of Iowa

J. N. Pearce, Ph.D. (Johns Hopkins), Professor; Physical Chemistry.

E. Bartow, Ph.D. (Göttingen), Professor and Head of Department of Chemistry.

V. C. Myers, Ph.D. (Yale), Professor; Bio-Chemistry; Head of the Department of Bio-Chemistry.

L. C. Raiford, Ph.D. (Chicago), Associate Professor; Organic Chemistry.

H. L. Olin, Ph.D. (Illinois), Associate Professor.

P. A. Bond, Ph.D. (Iowa), Associate Professor.

University of Kansas

Chemistry Building (1900). Laboratory equipment, $75,000.

H. C. Allen, Ph.D. (Cornell), Professor of Chemistry; Analytical Chemistry: Gas, Oil, and Fuel.

E. H. S. Bailey, Ph.D. (Illinois Wesleyan); Professor of Chemistry and Metallurgy; Food and Analytical Chemistry.

R. Q. Brewster, Ph.D. (Chicago), Associate Professor of Chemistry; Organic Chemistry.

H. P. Cady, Ph.D. (Kansas), Professor of Chemistry; Physical and Electrochemistry; Liquid Ammonia and Helium Gases.

F. B. Dains, Ph.D. (Chicago), Professor of Chemistry; Nitrogen and Sulphur Compounds.

A. W. Davidson, Ph.D. (Columbia), Assistant Professor of Chemistry; Physical Chemistry; Solution in Non-Aqueous Solutions.

R. Taft, M.D. (Iowa), Ph.D. (Kansas), Assistant Professor of Physical Chemistry; Physical Chemistry; Electrochemistry and Colloids of Non-Aqueous Solutions.

University of Michigan

Chemical Laboratory (1909) cost $247,-177. Physical, analytical and organic chemistry. Of the recently installed special equipment may be mentioned: (1) The latest model of a Hilger Spectrophotometer for work in the visible and ultra-violet parts of the spectrum; (2) A completely equipped laboratory for colloid chemistry.

Library, 9,044 volumes; contains complete sets of important chemical periodicals.

"History of the Chemical Laboratory," by E. D. Campbell. Contains a complete list of all publications by members of the chemical staff from 1856 to 1916.

Reprints, "Chemistry and Chemical Engineering," University of Michigan, Volume I (1905–10), Volume II (1911–15).

Reprints, "Chemistry," University of Michigan (1916–21).

Publications which have appeared since that time are recorded in the University of Michigan Bulletins, "Bibliography of Publications by Members of the Special Faculties," edited biennially by the Dean of the Graduate School.

F. E. Bartell, Ph.D. (Michigan), Professor; Physical Chemistry.

S. L. Bigelow, Ph.D. (Leipzig), Professor; General and Physical Chemistry.

A. L. Ferguson, Ph.D. (Michigan), Assistant Professor; Physical Chemistry.

J. H. Hodges, Ph.D. (Harvard), Assistant Professor; General and Physical Chemistry.

R. J. Carney, Ph.D. (Michigan), Assistant Professor; Analytical Chemistry.

R. K. McAlpine, Ph.D. (Michigan), Assistant Professor; Analytical Chemistry.

C. C. Meloche, Ph.D. (Wisconsin), Assistant Professor; Analytical Chemistry.

M. Gomberg, Sc.D. (Michigan), Professor; Organic Chemistry.

C. S. Schoepfle, Sc.D. (Michigan), Associate Professor; Organic Chemistry.

H. H. Willard, Ph.D. (Harvard), Professor; Analytical Chemistry.

University of Minnesota

S. C. Lind, Ph.D. (Leipzig).
W. H. Hunter, Ph.D. (Harvard).
F. H. MacDougall, Ph.D. (Leipzig).
M. C. Sneed, Ph.D. (Cincinnati).
I. W. Geiger, Ph.D. (Ohio State).
E. P. Harding, Ph.D. (Heidelberg).
Lillian Cohen, Ph.D. (Minnesota).
W. M. Lauer, Ph.D. (Minnesota).
L. H. Ryerson, Ph.D. (Johns Hopkins).
L. I. Smith, Ph.D. (Harvard).
N. W. Taylor, Ph.D. (California).

University of Missouri

Old Chemistry Building (1894), cost $50,000; equipment, $30,000. Schweitzer Hall (1912), cost $110,000; equipment, $150,000. New Chemistry Building (1923), cost $135,000; equipment, $135,000. Special equipment for measurement of dielectric constants of liquids; for radioactive measurements.

"Science Series," I–III.

H. Schlundt, Ph.D. (Wisconsin); Radioactivity.

H. E. French, Ph.D. (Illinois); Grinard Compounds.

A. E. Stearn, Ph.D. (Illinois); Bacteriostasis.

H. D. Howard, Jr., Ph.D. (Princeton).

Mary V. Dover, Ph.D. (Breslau); Lubrication of Oils.

S. Calvert, B.Sc., A.M. (Harvard); Chemi-luminescence.

Agricultural Chemistry:

Agricultural Chemistry Building (Schweitzer Hall, 1912), value $110,000; equipment, $150,000.

Agricultural Library, 26,000 volumes.

"Missouri State Agricultural College Farm Bulletins." "Missouri State Agricultural Experiment Station Bulletins."

A. G. Hogan, Ph.D. (Yale); Animal Nutrition.

W. S. Ritchie, Ph.D. (Missouri); Biochemistry.

F. F. McKenzie, Ph.D. (Missouri); Animal Breeding.

University of Nebraska

Laboratory (1916) cost $200,000; equipment, $25,000. Well-equipped for advanced work in organic chemistry.

Departmental library, 4,500 volumes.

F. W. Upson, Ph.D. (Chicago), Professor; Organic Chemistry (carbohydrates).

H. G. Deming, Ph.D. (Wisconsin), Professor; Physical Chemistry (solubility of gases).

M. J. Blish, Ph.D. (Minnesota), Professor; Biochemistry (proteins).

D. J. Brown, Ph.D. (Chicago), Associate Professor; Physical Chemistry (electrode potentials); Analytical Chemistry.

C. S. Hamilton, Ph.D. (Northwestern), Associate Professor; Organic Chemistry (synthetic drugs).

B. C. Hendricks, Ph.D. (Nebraska), Associate Professor; Physical Chemistry.

T. J. Thompson, Ph.D. (Nebraska), Associate Professor; Biochemistry (blood constituents, hypnotics, protein hydrolysis).

University of North Carolina

Venable Hall (1925) cost $400,000; laboratory equipment, $150,000. Notable equipment includes Industrial Laboratory; special apparatus for organic research; organic combustion equipment; micro-analytical outfit; special all-glass reflux-condensers, etc.; general physical equipment, including three hydrogen-ion outfits, and other articles for use in electrometric research. Thirty-eight small private research laboratories.

Departmental library, 4,500 volumes.

A. S. Wheeler, Ph.D. (Harvard); Organic Chemistry. (a) The Hydroxynaphthoquinones. (b) New Azo Dyes from the Paracymene Series. (c) New Azo Dyes from the Xylene Series. (d) Derivatives of Phenylsemicarbazide.

J. T. Dobbins, Ph.D. (North Carolina); Analytical Chemistry; Electrometric Determinations by Means of the Phosphate and Sulfide Ions.

F. C. Vilbrandt, Ph.D. (Ohio State); Industrial Chemistry: (a) Constitution of Lubricating Oils; (b) The Reclamation of Used Lubricating Oils; (c) Determination of Magnesium in Building Materials; (d) Study of All-Weather Road Tars.

F. H. Edmister, Ph.D. (Syracuse); Inorganic Chemistry: (a) Composition of Satin White; (b) Effect of Sulfur on Certain Alloys at High Temperature.

H. D. Crockford, Ph.D. (North Carolina); Physical Chemistry; Latent Heat of Fusion of Some Nitrotoluenes; Electrometric Titration of Nickel.

F. K. Cameron, Ph.D. (Johns Hopkins); Physical Chemistry: (a) Calcium Arsenate; (b) The Action of Sulfur Dioxide on Phosphates.

J. M. Bell, Ph.D. (North Carolina); Physical Chemistry.

University of Pennsylvania

John Harrison Laboratory of Chemistry. Special research rooms for advanced students. Apparatus necessary for application of physico-chemical methods, for gas analysis, and for spectroscopy, available. Special laboratories for practical electro-chemistry. The rarer elements receive special attention.

W. T. Taggart, Ph.D. (Pennsylvania), Professor; Organic Chemistry; The Halogenation of Aromatic Compounds.

O. L. Shinn, Ph.D. (Pennsylvania), Professor; Industrial Analysis.

T. P. McCutcheon, Ph.D. (Pennsylvania), Professor; Inorganic Chemistry.

H. S. Lukens, Ph.D. (Pennsylvania), Professor; Electro Chemistry.

H. S. Harned, Ph.D. (Pennsylvania), Assistant Professor; Electro Chemistry.

J. H. Muller, Ph.D. (Pennsylvania), Assistant Professor; Inorganic Chemistry (analytical).

University of Virginia

Cobb Chemical Laboratory (1916) cost $118,000; laboratory equipment, $25,000. Especially equipped for research in the kinetics of chemical reactions and contact catalysis, and for electrical measurements.

Departmental library, 6,000 volumes.

R. M. Bird, Ph.D. (Johns Hopkins).

G. L. Carter, Ph.D. (Virginia).

J. H. Yoe, Ph.D. (Princeton).

A. F. Benton, Ph.D. (Princeton).

J. R. Branham, Ph.D. (Virginia).

J. Elgin, M.S. (Virginia).

University of Wisconsin

Chemistry and Pharmacy Building (1905, 1913), $330,000. Legislative grant available for a third unit to cost $390,000. Expenditures for equipment and supplies for the year ending June 30, 1926, reached a total of $65,000. Special facilities for research in physical chemistry and in colloid chemistry. Special emphasis on the chemistry of adulteration of foods.

University Library, 335,000 bound volumes and 65,000 pamphlets includes complete files of the important journals.

H. Adkins, Ph.D. (Ohio); Causation of Organic Reactions; Relations between Affinity, Reactivity, and Structure of Organic Compounds and Reactions.

H. N. Calderwood, Ph.D. (Wisconsin); Inorganic Chemistry; Solubility; Transition Temperatures.

F. Daniels, Ph.D. (Harvard); Photochemistry; Decomposition of Nitrogen Pentoxide; Thermo-chemistry.

R. Fischer, Ph.D. (Marburg); Alkaloids; Furane Derivatives; Hydroxymethylene Compounds.

L. Kahlenberg, Ph.D. (Leipzig); Solutions; Osmosis; Dialysis; Electrochemical Studies.

G. I. Kemmerer, Ph.D. (Pennsylvania); Water Analysis; Chemistry of Fresh Water Lakes.

E. O. Kraemer, Ph.D. (Wisconsin); Colloid Science.

F. C. Krauskopf, Ph.D. (Wisconsin); Inorganic Analytical Chemistry; Carbon-monoxide Absorption; Electrochemical Studies.

V. Lenher, Ph.D. (Pennsylvania); Selenium; Tellurium; Geo-chemistry.

J. H. Mathews, Ph.D. (Harvard); Colloid Chemistry; Photo-chemistry; Thermo-chemistry; Electro-chemistry.

S. M. McElvain, Ph.D. (Illinois); Synthetic Organic Chemistry; Local Anesthetics Relationship between Structure and Physiological Action.

H. A. Schuette, Ph.D. (Wisconsin); Foods and Food Adulteration; Bio-chemistry of the Plankton and the Vegatative Forms of Inland Lakes; Organic Analysis.

J. H. Walton, Ph.D. (Heidelberg); Homogeneous Catalysis; Reaction Velocity; Growth of Crystals; Dehydration Reactions.

Washington University

Busch Hall (1901) valued at $300,000. Laboratory equipment, exclusive of supplies, as of June 1, 1926, $38,372.

Departmental library, 4,200 volumes. See also School of Medicine library.

Occasional publications in "Washington University Studies."

L. McMaster, Ph.D. (Johns Hopkins) Organic Chemistry.

T. R. Ball, Ph.D. (Illinois); Analytical Chemistry.

H. L. Ward, Ph.D. (Yale); Physical Chemistry.

C. W. Cuno, Ph.D. (Denver); Industrial and Metallurgical Chemistry.

C. W. Rodewald, Ph.D. (Illinois); Organic Chemistry.

A. E. Goldstein, B.S. (Washington); Inorganic and Industrial Chemistry.

Yale University

Sterling Chemistry Laboratory (1922) cost $1,500,000; equipment, $120,000.

University Library has 16,000 volumes relating to chemistry and physics. Departmental library in Sterling Chemistry Laboratory has a working library of 5,745 volumes and complete files of chemical periodicals.

B. B. Boltwood, Ph.D. (Yale), Professor of Radiochemistry; Radiochemistry.

H. A. Curtis, Ph.D. (Wisconsin), Professor of Chemical Engineering; Chemical Engineering.

H. W. Foote, Ph.D. (Yale), Professor of Physical Chemistry; General and Physical Chemistry.

A. J. Hill, Ph.D. (Yale), Professor of Organic Chemistry; Organic Chemistry.

T. B. Johnson, Ph.D. (Yale), Professor of Organic Chemistry; Synthetic Organic Chemistry and Biochemistry.

J. Johnston, Sc.D. (St. Andrews), Sterling Professor of Chemistry and Director of the Sterling Chemistry Laboratory; Physical Chemistry.

C. H. Mathewson, Ph.D. (Göttingen), Professor of Metallurgy and Metallography; The Constitution of Alloys and the Recrystallization of Metals.

R. G. VanName, Ph.D. (Yale), Associate Professor of Physical Chemistry; Physical Chemistry and Electrochemistry.

P. E. Browning, Ph.D. (Yale), Assistant Professor of Chemistry; Analytical Chemistry of the Rarer Elements.

B. F. Dodge, B.S. (Mass. Inst. of Tech.), Assistant Professor of Chemical Engineering; Chemical Engineering.

B. Saxton, Ph.D. (Yale), Assistant Professor of Chemistry; Physical Chemistry.

GEOLOGY AND GEOGRAPHY

The Catholic University of America

GEOLOGY

F. L. Serviss, M.S. (Colorado School of Mines).

Clark University

Geography including Physiography, Climatology, Soil, Cartography.

Geography Building (1910) cost $100,000. Meteorological observatory.

Materials of industry and commerce: Collection of industrial products in which chemistry is involved.

The General Library has 116,000 volumes including some 4,000 volumes on geography.

"Economic Geography," a quarterly, I–III (1925–1927).

W. W. Atwood, Ph.D. (Chicago), Professor; Physical and Regional Geography.

C. F. Brooks, Ph.D. (Harvard), Professor; Meteorology and Climatology.

Ellen C. Semple, A.M. (Vassar), Professor; Anthropogeography.

O. E. Baker, Ph.D. (Wisconsin), Professor; Agricultural Geography and Land Utilization.

D. C. Ridgley, Ph.D. (Clark), Associate Professor; Geography in Education.

C. F. Jones, Ph.D. (Chicago), Associate Professor; Economic and Commercial Geography.

W. E. Ekblaw, Ph.D. (Clark), Associate Professor; Plant Geography. Managing Editor, "Economic Geography."

C. F. Marbut, A.M. (Harvard), Lecturer; Soils and Soil Distribution.

S. Van Valkenburg, D.Sc. (Zurich), Lecturer; Holland; Switzerland; Dutch E. Indies.

F. A. B. Dietrich, Ph.D. (Berlin), Lecturer; Economic Geography Central Europe.

G. H. Burnham, A.M. (Clark), Lecturer; Cartography.

E. H. Smith, A.M. (Harvard), Lecturer; Oceanography.

Cornell University

GEOLOGY

H. Ries.
G. D. Harris.
A. C. Gill.
O. D. Von Engeln.
C. M. Nevin.

Harvard University

Departments of Geology and Geography occupy the six floors of the Geological Section of the University Museum. The Department of Mineralogy and Petrography and the Mineralogical Museum are in an adjoining section. The Paleontological laboratory in the same building adjoins the museum of Comparative Zoology. The Meteorological observatory is on great Blue Hill. The work in Economic Geology is conducted in Rotch Building near the Geological Museum. Harvard Seismographic Station.

Departmental library, 3,500 works on Mineralogy, Petrography and Geology; 5,000 pamphlets.

Income of the Shaw Memorial Fund ($30,000) devoted to support of research and publication. Expeditions to Brazil and Chili (1908–9), the Coral Islands of the Pacific (1914), Baltic regions of Russia and Scandinavia (1914), Fiji Islands (1914–15) and South Africa (1921–22) have been supported wholly or in part by this fund. Investigations and publications supported are described in Harvard Catalogue.

A. G. McAdie, A.M. (Harvard), Professor, Director of the Blue Hill Observatory, Readville, Massachusetts; Meteorology-Seismology.

R. DeC. Ward, A.M. (Harvard), Professor; Meteorology and Climatology.

R. A. Daly, Ph.D. (Harvard), Research Professor of Geology; General Geology; Geophysics.

C. Palache, Ph.D. (California), Professor; Mineralogy; Crystallography.

L. C. Graton, S.B. (Cornell), Professor; Economic Geology; Special Field: Ore Deposition.

P. E. Raymond, Ph.D. (Yale), Professor; Paleontology and Stratigraphy.

E. S. Larson, Jr., Ph.D. (California), Professor; Petrography; Mineralogy; and Geology.

K. F. Mather, Ph.D. (Chicago), Professor; Geology.

D. H. McLaughlin, Ph.D. (Harvard), Professor; Mining Geology; The Application of Geologic Principles to the Search for Metallic Ores.

J. A. Cushman, Ph.D. (Harvard); Micropaleontology.

Indiana University

GEOLOGY

Departmental library, 8,000 volumes.

Science Hall (1902). Cost $100,000. Equipment, $15,000 (not including value of collections of fossils and minerals). Special equipment for study of oil shales, clays, micro-paleontology of fossil Bryozoa, etc., including a collection of 6,000 thin sections.

"University Studies." "Memoirs Indiana Geological Survey," to the staff of which all members of the Geology Faculty belong.

E. R. Cumings, Ph.D. (Yale); Paleontology and Stratigraphic Geology.

W. N. Logan, Ph.D. (Chicago); Economic Geology.

C. A. Malott, Ph.D. (Indiana); Physiography and Stratigraphy.

S. S. Visher, Ph.D. (Chicago); Geography.

W. M. Tucker, Ph.D. (Indiana); Physiography and Meteorology.

J. E. Switzer, Ph.D. (Clark); Geography.

Johns Hopkins University

Departmental library, 19,000 volumes; 7,000 pamphlets; 5,000 maps.

The H. Carvel Lewis Library, the George Huntington Williams Library, and the Wm. Bullock Clark Library are merged in the Department Library.

"Studies in Geology," I–VII.

"Reports of Maryland Geological Survey," 1896– :"General Reports," I–XI; "Systematic Reports," I–XII; "County Reports," I–XII; "Miscellaneous Reports," I–X; State, County and City Maps. "Reports of Maryland State Weather Service." "General Reports," I–III.

These reports are issued by the Johns Hopkins Press under the supervision of the Geological Department, the Chairman of the Department being State Geologist and Director of the State Weather Service. Members of the staff and graduate students of the Department are engaged in the investigations leading to these reports.

E. B. Mathews, Ph.D. (Johns Hopkins) Mineralogy and Petrography.

H. F. Reid, Ph.D. (Johns Hopkins); Geophysics.

E. W. Berry; Paleontology and Paleobotany.

J. T. Singewald, Jr., Ph.D. (Johns Hopkins); Economic Geology.

C. K. Swartz, Ph.D. (Johns Hopkins) Paleozoic Paleontology.

Northwestern University

GEOLOGY AND GEOGRAPHY

U. S. Grant, Ph.D. (Johns Hopkins), Professor of Geology; Petrographic and Economic Geology.

W. H. Haas, Ph.D. (Chicago), Professor of Geology and Geography; Geography of South America.

S. B. Talmage, Ph.D. (Harvard), Assistant Professor of Geology; Ore Deposits.

A. J. Walcott, Ph.D. (Michigan), Assistant Professor of Mineralogy; Crystallography and Crystal Habit.

Ohio State University

GEOLOGY

Orton Hall (1893), $100,000. Lord Hall (1906), $110,000.

Orton Geological Library, 15,000 volumes.

J. A. Bownocker, D.Sc. (Ohio State), Professor; Economic Geology.

J. E. Carman, Ph.D. (Chicago), Professor, Historical Geology and Paleontology.

MINERALOGY

W. J. McCaughey, Ph.D. (George Washington), Professor; Mineralogy and Petrography; Application of Petrographic Methods to Study of Fine Mineral Powders.

C. C. Huntington, Ph.D. (Cornell), Professor; Geography and Commerce of the United States.

R. Peattie, Ph.D. (Harvard), Professor; Geography of Asia and Historical Geography.

E. Van Cleef, Ph.D. (Clark), Professor; Foreign Trade.

Princeton University

GEOLOGY, PALEONTOLOGY AND MINERALOGY

Guyot Hall (1909) cost $400,000. Equipment valued at $50,000.

Chemical laboratory for sole use of department. Photographic laboratory machine shop. Eight individual research laboratories for graduate students in addition to the larger general laboratories. Three automobiles for field work. Collection of fossils (vertebrates, invertebrates, and plants), minerals, ores, and rocks available for study and comparison, valued at approximately $1,000,000.

Departmental library, 15,000 volumes; 195 departmental periodicals.

"Reports of the Princeton University Expeditions to Patagonia," 1896–99. I–VI (1901–1926). "Princeton University Contributions to the Geology of Newfoundland." I–VIII (1914–1926).

W. B. Scott, Ph.D. (Heidelberg); Palæontology of Mammals.

C. H. Smyth, Jr., Ph.D. (Columbia); Petrology; Pre-Cambrian Geology; Ore Deposits.

A. H. Phillips, Sc.D. (Princeton); Mineralogy.

W. J. Sinclair, Ph.D. (California); North American Tertiary Stratigraphy and Vertebrate Faunas.

M. S. Farr, A.M. (Chicago), D.Sc. (Princeton); Vertebrate Paleontology; The Osteology of Vertebrates, Living and Extinct.

B. F. Howell, Ph.D. (Princeton); Invertebrate Paleozoology; Cambrian Paleontology and Geology.

A. F. Buddington, Ph.D. (Princeton); Petrology; Economic and Chemical Geology.

R. M. Field, Ph.D. (Harvard); Stratigraphy and Historical Geology.

E. Sampson, D.Sc. (Princeton); Mineral Deposits; Field Geology and Microscopy of Ore Minerals; Economics of Mineral Resources.

Stanford University

GEOLOGY, ECONOMIC GEOLOGY, MINERALOGY, PALEONTOLOGY

Building (1904). Present worth, $211,980. Equipment, $26,737. Special equipment: Oldroyd shell collection; Mesozoic and Tertiary fossils; Foraminifera; Ores; Sedimentation.

Branner Geological Library, 15,000 volumes, 10,000 pamphlets, 1,600 maps, 62 periodicals. Special earthquake collection.

"Stanford Micropaleontology Bulletin."

E. Blackwelder, Ph.D. (Chicago); Physical Geology and Sedimentation.

A. F. Rogers, Ph.D. (Columbia); Mineralogy.

H. G. Schenck, Ph.D. (California); Tertiary Stratigraphy and Micropaleontology.

S. Shedd, Ph.D. (Stanford); Curator Branner Library.

J. P. Smith, Ph.D. (Göttingen); Paleontology.

C. F. Tolman, B.S. (Chicago); Economic Geology.

University of California

GEOLOGICAL SCIENCES

Bacon Hall (1878), $16,300. Equipment, $17,031.17.

"Geological Sciences," I–XVI (1893–1926). "Bulletin of the Seismographic Stations" (1912–).

A. S. Eakle, Ph.D. (Munich), Professor.

A. C. Lawson, Ph.D. (Johns Hopkins), Professor.

G. D. Louderback, Ph.D. (California), Professor.

W. J. Mead, Ph.D. (Wisconsin), Professor.

B. L. Clark, Ph.D. (California), Associate Professor.

N. L. Taliaferro, Ph.D. (California), Associate Professor.

N. E. A. Hinds, Ph.D. (Harvard), Assistant Professor.

GEOGRAPHY

"Geography," I–II (1913–1926).

R. S. Holway, M.S. (California), Professor.

C. Sauer, Ph.D. (Chicago), Professor.

O. Schmieder, Ph.D. (Heidelberg), Associate Professor.

OCEANOGRAPHY

Scripps Institution of Oceanography.

The Scripps Institution for Biological Research has been reorganized and hereafter will concern itself chiefly with oceanographic study.

The institution occupies a 177-acre site on the ocean front, about 16 miles north of the center of San Diego, California.

Research Laboratory accommodating 25 investigators, five of the seven laboratory rooms on the first floor being equipped with salt-water aquaria, a library building which will house both the library and the biological and oceanographic museums; a 20,000-gallon salt-water tank; a 1,000-foot pier extending out to water eighteen feet deep at mean low tide; an electric-motor pumping system for salt water; a 40,000-gallon storage tank; a public aquarium building; 28 residences for the scientists, assistants, workmen associated with the Institution.

The Institution also possesses a boat of 22 ton net capacity with cruising radius of about 2,000 miles.

Library: 9,686 bound volumes; 10,815 pamphlets.

T. W. Vaughan, Ph.D. (Harvard), Professor.

F. B. Sumner, Ph.D. (Columbia), Professor.

G. F. McEwen, Ph.D. (Stanford), Associate Professor.

W. E. Allen, M.A. (Lawrence), Assistant Professor.

UNIVERSITY OF CHICAGO

GEOLOGY, INCLUDING MINERALOGY AND PALEONTOLOGY

Paleontological work housed in Walker Museum (1893); cost $109,000.

The Museum contains more than 5,000 type specimens. The museum houses the collection of the late James Hall, State Geologist and Paleontologist of New York. Other important collections are the Gurley, James, Washburn, Krantz, Weller, Samson, Faber, Haines, Tiffany, Teller and Van Horne Collections, and the Bassler Collection of Bryozoa and Ostracoda. Collections from the Paleozoic of the Mississippi Valley Region are particularly complete. Collections of vertebrate fossils especially noteworthy for the extensive series of Permo-carboniferous amphibians and reptiles, including about seventy genera, twelve of which are represented by mounted skeletons. These collections include the original types from the Permian of Illinois and many of the types from Texas. Collection of American Triassic vertebrates. From the Niobrara Cretaceous and the Benton Cretaceous there is a series of vertebrate fossils. The more recent additions to the collection are from a number of the Tertiary horizons of the west, Oligocene and Miocene, and consist of several complete mounted skeletons.

Paleobotanical collections mainly from the Coal Measures of the Mississippi Valley region.

Geology work of the Department housed in Rosenwald Hall (1914; cost $295,000). Laboratories especially equipped for research in Petrography, Mineralogy, Ore Deposits and Geochemistry, and for the teaching of the interpretation of topographical and geological maps. Seismograph.

Geology and Geography Library of 45,000 volumes in Rosenwald Hall where most of the Geological work is conducted.

A complete collection of the topographical and geological maps of the United States issued by the U. S. Geological Survey. More than 400 mounted wall maps and some 3,000 loose maps.

"The Journal of Geology," I–XXXIV (1892–1926).

E. S. Bastin, Ph.D. (Chicago), Economic Geology.

S. Weller, Ph.D. (Yale); Invertebrate Paleontology.

A. Johannsen, Ph.D. (Johns Hopkins); Petrography.

R. T. Chamberlin, Ph.D. (Chicago), Structural and Dynamic Geology.

J. H. Bretz, Ph.D. (Chicago); Physiography and Sedimentation.

A. S. Romer, Ph.D. (Columbia); Vertebrate Paleontology.

A. C. Noé, Ph.D. (Vienna); Paleobotany.

GEOGRAPHY

Rosenwald Hall, the home of the Department of Geology and Geography.

Meteorological observatory maintained by United States Weather Bureau in Rosenwald Hall.

Departmental library (Geology and Geography) 45,000 volumes. 400 mounted wall maps; some 2,500 loose maps of various kinds; a collection of several thousand photographic prints and lantern slides.

H. H. Barrows, S.B. (Chicago); Historical Geography and Land Utilization (Conservation).

J. P. Goode, Ph.D. (Pennsylvania); Cartography; Meteorology; Climatology; Europe.

W. D. Jones, Ph.D. (Chicago); Asia; Economic Geography; Field Geography.

C. C. Colby, Ph.D. (Chicago); North America, Ocean Trade and Transportation; Urban Geography.

D. S. Whittlesey, Ph.D. (Chicago); Africa; Political Geography; Field Geography, Economic Geography.

R. S. Platt, Ph.D. (Chicago); Latin America, Field Geography.

Edith Putnam Parker, S.M. (Chicago); Methods of Teaching Geography.

University of Illinois

GEOLOGY

State Geological Survey Library, 3,425 volumes; 6,850 pamphlets.

T. T. Quirke, Ph.D. (Chicago), Professor; Pre-Cambrian Stratigraphy.

W. S. Bayley, Ph.D. (Johns Hopkins), Professor; Managing Editor, "Economic Geology," Crystallography; Igneous Petrography.

A. C. Bevan, Ph.D. (Chicago), Assistant Professor; Sedimentation; Historical Geology.

T. E. Savage, Ph.D. (Yale), Professor; Stratigraphic Paleontology.

W. O. Blanchard, Ph.D. (Wisconsin), Associate Professor.

University of Iowa

GEOLOGY

G. F. Kay, Ph.D. (Chicago), Professor; Economic Geology and Petrology, and Head of Department of Zoology.

A. C. Trowbridge, Ph.D. (Chicago), Professor.

A. O. Thomas, Ph.D. (Chicago), Associate Professor.

University of Kansas

GEOLOGY

Departmental Library, 5,500 volumes. Haworth Hall (1908) cost $57,500. Equipment, $20,000.

Invertebrate Paleontological and Mineralogical Museums.

"Kansas University Quarterly" (no longer published); "Science Bulletin" (University of Kansas); "Kansas Geological Survey," I–IX; "Kansas Geological Survey Bulletins."

R. C. Moore, Ph.D. (Chicago); Paleontology.

C. J. Posey, S.M. (Chicago); Geography.

W. H. Schoewe, Ph.D. (Iowa); Glacial Geology, Sedimentation.

G. L. Knight, Ph.D. (Wisconsin); Economics and Structural Geology.

K. K. Landes, Ph.D. (Harvard); Mineralogy; Economic Geology.

University of Michigan

GEOLOGY

Natural Science Building (1913), cost $408,541.53; houses five departments, two of which are Geology and Mineralogy.

Equipment of Department of Geology together with supplies, $39,460.03.

"Contributions from the Geological Museum of the University of Michigan," I–II.

W. H. Hobbs, Ph.D. (Johns Hopkins); Dynamical and Structural Geology (glaciology, seismology, mountain building, etc.).

E. C. Case, Ph.D. (Chicago); Vertebrate Paleontology; Paleogeography.

C. W. Cook, Ph.D. (Michigan); Economic Geology, Ore Deposits; Oil Geology.

I. D. Scott, Ph.D. (Michigan); Physiography; Shore Features.

W. A. Ver Wiebe, Ph.D. (Cornell); Oil Geology; Soil Geology.

G. M. Ehlers; Invertebrate Paleontology; Stratigraphy.

L. M. Gould, Sc.D. (Michigan); Physical and Economic Geology.

R. C. Hussey, Ph.D. (Michigan); Invertebrate Paleontology; Stratigraphy.

MINERALOGY AND PETROGRAPHY

For a detailed description of facilities of the laboratory see "The New Mineralogical Laboratory at the University of Michigan," American Mineralogist, Volume 4, 45–56, 1919.

E. H. Kraus, Ph.D. (Munich); Physical Crystallography.

W. F. Hunt, Ph.D. (Michigan); Editor of "The American Mineralogist," Petrography.

A. B. Peck, Ph.D. (Michigan); Petrographic-Microscopic Methods as Applied to Industry.

L. S. Ramsdell, Ph.D. (Michigan); X-ray Analysis and Crystal Structure.

C. B. Slawson, Ph.D. (Michigan); Mathematical Crystallography.

GEOGRAPHY

K. C. McMurry, Ph.D. (Chicago), Associate Professor; Regional and Economic Geography of North America.

P. E. James, Ph.D. (Clark), Assistant Professor; Regional Geography of South America; Tropical Georgaphy.

University of Minnesota

GEOLOGY AND MINERALOGY

W. H. Emmons, Ph.D. (Chicago).

F. F. Grout, Ph.D. (Yale).

C. R. Stauffer, Ph.D. (Chicago).

J. W. Gruner, Ph.D. (Minnesota).

G. M. Schwartz, Ph.D. (Minnesota).

I. S. Allison, Ph.D. (Minnesota).

G. A. Thiel, Ph.D. (Minnesota).

METALLOGRAPHY

O. E. Harder, Ph.D. (Illinois).

R. L. Dowdell, Ph.D. (Minnesota).

GEOGRAPHY

D. H. Davis, Ph.D. (Michigan).

University of Missouri

GEOLOGY

Geology Building; value, $75,000.

E. B. Branson, Ph.D. (Chicago), Paleontology, Stratigraphy.

W. A. Tarr, Ph.D. (Chicago); Mineralogy, Economic Geology.

M. G. Mehl, Ph.D. (Chicago); Vertebrate Paleontology; Oil Geology.

J. S. Williams, Ph.D. (Missouri); Invertebrate Paleontology.

GEOGRAPHY

S. T. Bratton, Ph.D. (Chicago); Regional Geography.

University of North Carolina

GEOLOGY

The laboratory building is being rebuilt at a cost of $135,000 for the overhauling, and $40,000 for new equipment, including precision research laboratory and seismograph.

Departmental library, 1,900 volumes.

C. Cobb, A.M. (Harvard), Professor of Geology; Physiographic Processes in Relation to Shorelines and Harbors; Coast Erosion and Shoreline Protection.

W. F. Prouty, Ph.D. (Johns Hopkins), Professor of Economic Geology; Economic Geology; Field Observation and Investigation of Mineral Properties.

J. H. Swartz, Ph.D. (Johns Hopkins), Associate Professor of Geology; Stratigraphy and Paleontology, and the Investigation of the Age of Sediments through Radioactivity.

G. R. MacCarthy, Ph.D. (North Carolina), Assistant Professor of Geology; Origin of Color in Minerals and Sediments; and Structural Features Due to Igneous Intrusions; Crystallography.

University of Pennsylvania

GEOLOGY AND MINERALOGY

F. Ehrenfeld, Ph.D. (Pennsylvania), Professor; Geology; Stratigraphy.

University of Virginia

GEOLOGY

Brooks Museum (1876), cost $50,000.

Special Equipment for graduate work in Petrography, Sedimentation, and Paleontology.

Departmental Library, 3,000 volumes.

"Virginia Geological Bulletins."

W. A. Nelson, M.A. (Stanford).

J. K. Roberts, Ph.D. (Johns Hopkins).

A. A. Pegau, Ph.D. (Cornell).

University of Wisconsin

GEOLOGY AND GEOGRAPHY

The Department of Geology and Geography of the University of Wisconsin is housed in Science Hall (1885). Equipment, $18,535.

Research Assistant whose chief duty is to use X-ray apparatus for benefit of staff and students. Research Fellow engaged constantly in work with Tinius Olsen Testing Machine. Full equipment for slicing and grinding rock and mineral thin sections of which more than 15,000 are available. An employee is steadily engaged in making such sections for further study.

Collection of rocks and fossils, especially of rocks of the Lake Superior region and fossils from Wisconsin rocks.

C. K. Leith, Ph.D. (Wisconsin); Structural Geology; Metamorphic Geology; Pre-Cambrian Geology; and Lake Superior Geology.

W. J. Mead, Ph.D. (Wisconsin); Structural Geology and Metamorphic Geology.

W. H. Twenhofel, Ph.D. (Yale); Stratigraphy; Paleontology; Regional Geology; Oil Geology; and Sedimentation.

R. H. Whitbeck, A.B. (Cornell); Editor, "Journal of Geography," 1910–1918. Geography of South America, and Industrial Geography.

A. N. Winchell, Doctor of the University of Paris; Petrology; Petrogeny, and Advanced Mineralogy.

V. C. Finch, Ph.D. (Wisconsin); Agricultural Geography, and Maps and Geographic Teaching.

A. K. Lobeck, Ph.D. (Columbia); Geography of Europe; Advanced Physiography; Physiography of the United States; Rocky Mountain Physiography, and Block Diagrams.

R. C. Emmons, Ph.D. (Wisconsin); Mineragraphy and Soils Mineralogy.

J. W. Frey, Ph.D. (Wisconsin); Overseas Commerce, and Geography of Foreign Markets.

G. T. Trewartha, Ph.D. (Wisconsin); Climatic Factor in Geography, and Geography of Asia.

Genivera E. Loft, Ph.D. (Wisconsin); Geography of North America.

G. H. Smith, Ph.B. (Wisconsin); Geography of Wisconsin, and Physiographic Field Work.

F. T. Thwaites, M.A. (Wisconsin); Glacial Geology and Geologic Mapping.

Department of Mining and Metallurgy of the College of Engineering, has the following staff:

R. S. McCaffery, E.M. (Columbia); Mine and Smelter Administration; Principles of Metallurgy; Metallurgy of Iron and Steel; Manufacture of Coke; Steel Works Power Plants; Iron Blast Furnace, and Economic Aspects of Mining.

G. J. Baker, E.M. (Wisconsin); Metallurgy of Gold, Silver, Copper, Lead, Zinc, and Minor Metals.

E. R. Shorey, E.M. (Wisconsin); Mining Methods; Mine Valuation; Mine Engineering; Mine Plant Design; Ore Dressing; Milling Plant Design.

J. F. Oesterle, B.S. (Wisconsin); Physical Chemistry of the Metals; Heat Treatment of Steel.

Washington University

GEOLOGY AND GEOGRAPHY

Geography and Geology are housed in the same building, Newton R. Wilson Memorial Hall (1925). Cost, $325,000. Equipment, $19,000.

Departmental Library, 6,100 volumes. Maps, 3,900.

W. E. McCourt, A.M. (Cornell); Economic Geology.

W. D. Shipton, M.S. (Iowa); Plentorene Geology and Stratigraphy.

J. Stansfield, M.S. (McGill), M.A. (Cambridge); Mineralogy and Petrography.

W. C. Werner, A.B. (Missouri); Structural Anatomy and Paleontology.

L. F. Thomas, Ph.D. (Chicago); Economic Geography.

Yale University

GEOLOGY AND GEOGRAPHY

The Geological work is centered in Kirtland Hall (1901); cost, $110,000.

Equipment, including the Brush Mineralogical Collection, appraised at $60,000.

University Library includes works on Geology and Paleontology, 9,000; on Geography, 20,200 volumes; on Meteorology, 4,000 volumes. Transactions of learned societies. Manuscript material by early Yale scientists, Dana, Loomis, Marsh, Newton, Percival, Silliman, etc. Peabody Museum Library of 34,075 books and pamphlets, has abundance of paleontological literature, in addition to publications of national and State surveys and of geological periodicals. Kirtland Hall Libraries: Petrology, 8,711 volumes; Economic Geology, 14,000 volumes; and Mineralogy, 3,800 volumes. Departmental library in Kirtland Hall contains current periodicals: Geological Sciences, 22; Geography, 2.

Students in the Geological Sciences have access to Peabody Museum of Natural History which contains collections in Mineralogy, Zoology and Paleontology; to Sterling Chemistry Laboratory; to Sloane Physics Laboratory; and to Osborn Laboratories of Zoology and Botany.

A. M. Bateman, Ph.D. (Yale), Professor of Economic Geology. Editor-in-chief, "The Journal of Economic Geology."

W. E. Ford, Ph.D. (Yale), Professor of Mineralogy; Curator of the Mineralogical Collections; Chemical Composition and Crystallography of Minerals.

H. E. Gregory, Ph.D. (Yale), Silliman Professor of Geology; Director of the Bishop Museum; Physiography.

A. Knopf, Ph.D. (California), Professor of Physical Geology; Petrology; Geology and Ore Deposits of the Western United States.

R. S. Lull, Ph.D. (Columbia), Professor of Paleontology; Curator of Vertebrate Paleontology; and Director of the Peabody Museum; Dinosauria; Evolution; Paleobiology.

C. H. Warren, Ph.D. (Yale), Sterling Professor of Geology; Petrology and Mineralogy.

E. Huntington, Ph.D. (Yale), Research Associate in Geography; The Climatic Factor; Geographic Relations of Health and Civilization.

G. G. MacCurdy, Ph.D. (Yale), Research Associate in Prehistoric Archæology; Curator of the Anthropological Collection; Director, American School of Prehistoric Research; Eolithic Problem; Antiquity of Man in Europe.

C. R. Longwell, Ph.D. (Yale), Associate Professor of Geology; Structural Geology of Southern Nevada and Western Arizona.

C. O. Dunbar, Ph.D. (Yale), Assistant Professor of Historical Geology; Curator of Invertebrate Paleontology; Paleontology and Stratigraphy.

BIOLOGICAL SCIENCES

BIOLOGY, BOTANY, ZOOLOGY

Clark University

BIOLOGY

Laboratories in Main University Building (1886). Equipment, $20,000.

Departmental library, 3,000 volumes 5,000 volumes of bound periodicals.

W. H. Cole, Ph.D. (Harvard), Professo of Biology; General Physiology.

D. Potter, A.M. (Massachusetts Agricultural College), Instructor in Botany; Histology and Embryology; Structural Botany.

Columbia University

BOTANY

Special laboratories devoted to work in general and cellular physiology, provided with micro-photographic equipment and a Zeiss ultra-violet microscope. Apparatus and reagents available for general histological and cytological work. Provision for work on metabolism of cells and their reaction to physical stimuli, and for physiological and pathological studies of plants growing under controlled environmental conditions.

Departmental Library, 10,241 volumes.

Library of New York Botanical Garden, 32,311 volumes.

The Torrey Botanical Club is an independent organization whose work is closely associated with that of the Department of Botany and the New York Botanical Garden.

"Bulletin of the Torrey Botanical Club," I–LIV. "Memoirs of the Torrey Botanical Club," I–XVII. "Torreya," I–XXVII.

Publications of the New York Botanical Garden: "Journal," I–XXVII; "Mycologia," I–XVIII; "Addisonia," I–X; "Bulletin," I–XIV; "Memoirs," I–VI; "Contributions," I–XI; "North American Flora," 49 parts.

R. A. Harper, Ph.D. (Bonn); Cytology; Mycology.

H. M. Richards, Sc.D. (Harvard); Plant Physiology.

S. F. Trelease, Ph.D. (Johns Hopkins); Physiological Plant Pathology.

C. C. Curtis, Ph.D. (Syracuse); Plant Morphology.

T. Hazen, Ph.D. (Columbia); Algology.

N. L. Britton, Ph.D.; Taxonomy.

M. A. Howe, Ph.D. (Columbia); Algology.

H. A. Gleason, Ph.D. (Columbia); Taxonomy, Ecology.

J. K. Small, Ph.D. (Columbia); Taxonomy.

A. B. Stout, Ph.D. (Columbia); Genetics.

P. A. Rydberg, Ph.D. (Columbia); Taxonomy.

H. H. Rusby, M.D. (College of Physicians and Surgeons); Pharmacognosy.

F. J. Seaner, Ph.D. (Iowa); Mycology.

ZOOLOGY

Laboratory facilities in Schermerhorn Hall.

In addition a large room, fitted up for use of Columbia students of Paleontology and Comparative Anatomy, is maintained at the American Museum of Natural History, the collections of which are freely available. Additional facilities provided by laboratories of New York Zoological Society and of New York Aquarium.

Departmental library: 6,000 volumes; in the general library near at hand, 6,000.

Additional library facilities are provided by the extensive collection of monographs, journals, proceedings of academies and scientific societies maintained by the New York Academy of Sciences, the American Museum of Natural History and the New York Academy of Medicine.

R. H. Bowen, Ph.D. (Columbia), Assistant Professor; Cytology.

G. N. Calkins, Ph.D. (Columbia), Professor; Protozoology, Parasitology.

H. E. Crampton, Ph.D. (Columbia), Professor; Geographical Distribution and Variation.

W. K. Gregory, Ph.D. (Columbia), Professor; Paleontology; Comparative Anatomy.

S. Hecht, Ph.D. (Harvard), Associate Professor; Biophysics.

D. E. Lancefield, Ph.D. (Columbia), Assistant Professor; Genetics.

J. H. McGregor, Ph.D. (Columbia), Professor; Comparative Anatomy; Zoology.

T. H. Morgan, Ph.D. (Johns Hopkins), Professor; Genetics; Embryology; Experimental Zoology.

E. B. Wilson, Ph.D. (Johns Hopkins), Professor; Cytology; Embryology.

Cornell University

BOTANY AND PLANT PHYSIOLOGY

K. M. Wiegand.

L. Knudson.

D. Reddick.
A. J. Eames.
L. W. Sharp.
O. F. Curtis.
W. C. Muenscher.
L. C. Petry.
E. F. Hopkins.

ZOOLOGY, ENTOMOLOGY, AND LIMNOLOGY

J. G. Needham.
H. D. Reed.
G. W. Herrick.
O. A. Johannsen.
J. C. Bradley.
R. Matheson.
G. C. Embody.
E. F. Phillips.
P. W. Claassen.
A. H. Wright.
A. A. Allen.
B. P. Young.

Harvard University

BOTANY

The Gray Herbarium houses the Gray Herbarium Library and the laboratory for taxonomic study of flowering plants and ferns.

The Botanical Museum, a central "L" in the large University Museum (1890) contains collection of glass models of flowers; laboratories of Cryptogamic Botany, Plant Morphology, Bussey Institute, Genetics, Economic Entomology, Economic Botany, Plant Physiology included in Department of General Physiology.

The Farlow Herbarium Library and Laboratories of Cryptogamic Botany, 400,000 specimens, and the laboratories for research in Cryptogamic Botany.

Massachusetts Institute of Technology with its close alliance to Harvard offers certain unusual facilities for graduate work cooperatively under instruction of the two institutions.

The Marine Biological Laboratory at Woods Hole gives a special opportunity for work on marine forms for graduates, acceptable toward their graduate degrees at Harvard.

The Harvard Botanic Garden in Cuba, with its collections of economic plants, presents opportunities for research in certain fields of Botany.

The Biological Station on Barro Colorado Island in Panama, is suited for some phases of tropical work in Botany, and offers facilities for students to work, either under the direction of members of the Harvard staff who go there, or independently.

The Arnold Arboretum and the Bussey Institute are in close connection with the Harvard Department of Botany.

Departmental collections: Botanical Laboratory, 1,931; Cryptogamic Botany, 21,-123; Gray Herbarium, 34,100; Arnold Arboretum, 44,900.

"Contributions from the Gray Herbarium," "Contributions from the Laboratories of Plant Morphology;" "Contributions from the Cryptogamic Laboratories," I–XC (1880–1926).

R. Thaxter, Ph.D., Professor of Cryptogamic Botany Emeritus; Cryptogamic Botany, especially Mycology.

B. L. Robinson, Ph.D., Asa Gray Professor of Systematic Botany, and Curator of the Gray Herbarium; Systematic Botany.

E. C. Jeffrey, Ph.D., Professor of Plant Morphology, especially the Structure of the Wood, Coal, and certain Fossil Plants, and the Pollen of Hybrid Plants.

M. L. Fernald, S.B., Fisher Professor of Natural History; Systematic Botany.

O. Ames, A.M., Assistant Professor of Botany and Curator of the Botanical Museum; Economic Botany.

E. M. East, Ph.D., Professor of Experimental Plant Morphology; Genetics and Plant Breeding.

W. H. Weston, Jr., Ph.D., Assistant Professor of Botany and Chairman of the Department; Cryptogamic Botany, especially Mycology and Plant Pathology.

C. W. Dodge, Ph.D., Assistant Professor of Botany and Curator of the Farlow Reference Library; Cryptogamic Botany, especially Mycology.

ZOOLOGY

Library of Bussey Institution, 33,000 volumes; Museum of Comparative Zoology 133,200 volumes; Gray Herbarium, 34,100

volumes. Special library in Zoological Laboratory, 485 volumes.

"Contributions from the Zoological Laboratory of Harvard University"; "Bulletin of the Museum of Comparative Zoology at Harvard College"; "Memoirs of the Museum of Comparative Zoology."

W. M. Wheeler, Ph.D., Professor, Dean of the Faculty of the Bussey Institution; Economic Entomology; Forest Entomology.

G. H. Parker, S.D., Professor, Director of the Zoological Laboratory; The Structural and Functional Basis of Animal Reactions.

W. E. Castle, Ph.D., Professor; Variation, Heredity and the Principles of Animal Breeding.

H. W. Rand, Ph.D., Associate Professor; Morphology of Vertebrates, Experimental Morphology.

C. T. Brues, S.M., Associate Professor; Insects in Relation to Human Welfare; Entomological Seminar.

H. B. Bigelow, Ph.D., Lecturer; Marine Zoology and Oceanography.

Bussey Institution

The purpose of the Bussey Institution is to provide opportunities and facilities for the investigation of those principles and problems which underlie the practical application of Zoology and Botany to human welfare, and to train advanced students for research along these lines. At present, the special fields of research in the Bussey Institution are Economic Entomology, Animal Genetics, Plant Genetics, Dendrology, Silviculture and Forest Management, Applied Plant Anatomy, and Economic Botany.

The main laboratories and library of the Bussey Institution are located in Forest Hills, but additional equipment and facilities for the investigation of special problems are available at the Harvard Forest, Petersham, Massachusetts, and at the Harvard Biological Station in Cuba. The Bussey Institution offers opportunities for advanced instruction and research. The extensive libraries and collections of the Arnold Arboretum, Gray Herbarium, Botanic Garden, Botanical Museum, Museum of Comparative Zoology, Farlow Herbarium of Cryptogamic Botany and Boston Society of Natural History are accessible.

W. M. Wheeler, Ph.D., Dean and Professor of Economic Entomology.

J. G. Jack, Assistant Professor; Dendrology.

G. H. Parker, S.D., Professor and Director of Zoological Laboratory; Zoology.

W. E. Castle, Ph.D., Professor; Zoology.

E. E. Tyzzer, A.M., M.D., George Fabyan Professor of Comparative Pathology.

O. Ames, A.M., Assistant Professor; Curator of the Botanical Museum; Botany.

R. T. Fisher, M.F., Director of the Harvard Forest.

E. M. East, Ph.D., Professor; Experimental Plant Morphology.

C. T. Brues, S.M., Assistant Professor; Economic Entomology.

I. W. Bailey, M.F., Associate Professor; Forestry.

W. H. Weston, Jr., Ph.D., Assistant Professor; Botany.

A. C. Cline, M.F., Assistant to the Director of the Harvard Forest; Instructor; Forestry.

P. R. Gast, S.M., Instructor; Forestry.

See also Departments of Botany, Physiology, Chemistry and Physics.

Indiana University

BOTANY

Departmental Library, 2,500 volumes, exclusive of periodicals. Current periodicals, 35.

Laboratory Building (1911); first floor, occupied by Botany Department.

Facilities for research in Morphology and Cytology.

D. M. Mottier, Ph.D. (Cornell); Morphology and Cytology.

F. M. Andrews, Ph.D. (Leipzig); Plant Physiology.

J. M. Van Hook, A.M. (Indiana); Mycology and Plant Pathology.

P. Weatherwax, Ph.D. (Indiana); Morphology; Gramineæ, especially Zea Mays.

Flora Anderson, Ph.D. (Indiana); Morphology and Taxonomy.

ZOOLOGY

Departmental library, 2,500 volumes, 46 periodicals.

Laboratory facilities: Collection of South American freshwater fishes; collection of Cynipid galls and gall wasps.

"Indiana University Studies."

F. Payne, Ph.D. (Columbia); Cytology; Genetics; Freshwater Cœlenterata.

W. Scott, Ph.D. (Indiana); Limnology and Ecology.

A. C. Kinsey, B.S. (Bowdoin); Entomology; Gall Wasps.

Johns Hopkins University

BOTANY

Special laboratory of 8 rooms and greenhouses. Plant cost $30,000; equipment an additional $8,000 or $10,000. Accommodates about 3–5 research workers and 10 graduate students in general course of lectures and set laboratory work.

Special apparatus for measuring evaporation, sunlight, and for control of temperature.

B. E. Livingston, Ph.D. (Chicago), Professor of Plant Physiology and Director of Laboratory of Plant Physiology; Relations of Plants to Water, Oxygen, Light, Temperature and Salt.

Northwestern University

BOTANY

C. B. Atwell, Ph.D. (Syracuse), Professor; Plant Morphology.

W. G. Waterman, Ph.D. (Chicago), Associate Professor; Plant Ecology.

A. H. Povah, Ph.D. (Michigan), Associate Professor· Plant Pathology.

ZOOLOGY

Departmental library, 2,000 volumes; 10,000 reprints. Collection of parasitic material.

F. D. Barker, Ph.D. (Nebraska); Parasitology.

A. E. Cole, Ph.D. (Wisconsin); Physiology.

L. P. Arey, Ph.D. (Harvard); Embryology.

A. C. Ivey, Ph.D. (Chicago); Physiology.

Ohio State University

BOTANY

Botany and Zoology Building (1915), $133,000.

E. N. Transeau, Ph.D. (Michigan), Professor; Ecology.

H. C. Sampson, Ph.D. (Chicago), Professor; Ecology and Plant Micro-Chemistry.

J. H. Schaffner, A.M. (Michigan), Professor; Genetics.

W. G. Stover, Ph.D. (Wisconsin), Professor; Mycology and Plant Pathology.

A. E. Waller, Ph.D. (Ohio State), Assistant Professor; Economic Botany.

ZOOLOGY

The Franz Theodore Stone Laboratory located on Put-in Bay, Lake Erie. Equipment, land and buildings valued at $85,000. H. Osborn, Director. Equipped for the study of fresh-water aquatic life. Open during summer months to advanced students capable of conducting and pursuing research work.

H. Osborn, D.Sc. (Iowa Agricultural College), Research Professor; Entomology and Its Economic Relations.

R. C. Osburn, Ph.D. (Columbia), Professor; Aquatic Zoology.

W. M. Barrows, S.D. (Harvard), Professor; Heredity.

F. H. Krecker, Ph.D. (Princeton), Professor; Ecology and Regeneration.

D. M. DeLong, Ph.D. (Ohio State), Professor; Economic Entomology and Insect Control.

C. H. Kennedy, Ph.D. (Cornell), Assistant Professor.

Princeton University

Guyot Hall (1910); cost, $500,000. Equipment, $200,000.

Special equipment: Vivarium with large sea-water and fresh-water aquaria, animal rooms, greenhouses, 14 acres of experimental garden, biological pond immediately adjoining Guyot Hall, etc.

Departmental library, 25,000 volumes departmental periodicals, 280.

"Contributions from Biological Laboratories in Princeton University," I–VII.

E. G. Conklin, Ph.D. (Johns Hopkins); Embryology; Cytology. Coeditor, "Journal of Experimental Zoology," "Biological Bulletin," "Genetics."

U. Dahlgren, M.S. (Princeton); Histology, Electric and Luminous Tissues.

E. N. Harvey, Ph.D. (Columbia); General Physiology; Biochemistry.

C. F. W. McClure, Sc.D. (Columbia); Comparative Anatomy and Embryology of Vertebrates.

W. B. Scott, Ph.D. (Heidelberg); Vertebrate Paleontology; Geology.

G. H. Shull, Ph.D. (Chicago); Genetics; Botany. Editor, "Genetics."

Stanford Univetsity

BIOLOGY

Experiment garden and greenhouses for Genetics.

Laboratories for Genetics, Cytology, Microdissection are located in the Zoology Building (Jordan Hall) and the Ecological laboratory in the Botany Building.

This institution is located in a region extraordinarily rich in ecological variation as well as in segregation on different habitats of genetically different varieties. Very little ecological work has as yet been done on the Pacific Slope.

Library of School of Biology (General Biology, Botany, Entomology, Physiology and Zoology), 6,484 volumes; 149 current periodicals.

L. L. Burlingame; Genetics and Cytology.

L. B. Becking; Physiology of the Cell.

C. V. Taylor; Biology of Protoplasm; Microdissection, etc.

A. G. Vestal; Ecology of Plants and Animals.

HOPKINS MARINE STATION, PACIFIC GROVE, CALIFORNIA

Reinforced concrete building 3 stories (1917). Equipped for research in Zoology and Botany.

Plans completed for laboratory of Physiology. Equipped for research in experimental Biology and Biochemistry, with especial reference to the ocean.

J. P. Baumberger, D.Sc. (Harvard); Physiology.

L. B. Becking, D.Sc. (Utrecht), Ph.D. (Stanford); Physiology; Botany; Biochemistry.

G. F. Ferris, A.M. (Stanford); Entomology; Scale Insects.

W. K. Fisher, Ph.D. (Stanford); Zoology; Echinodermata.

H. Heath, Ph.D. (Pennsylvania); Zoology; Amphineura; Embryology; Termites.

L. Irving, Ph.D. (Stanford); General Physiology; Biochemistry.

E. G. Martin, Ph.D. (Johns Hopkins); Physiology.

T. Skogsberg, Ph.D. (Upsala); Zoology; Crustacea; Annelida; Dinoflagellata.

G. M. Smith, Ph.D. (Wisconsin); Botany; Algæ.

J. O. Snyder, A.M. (Stanford); Zoology; Ichthyology.

C. V. Taylor, Ph.D. (California); Protozoology; Microdissection.

F. W. Weymouth, Ph.D. (Stanford); Physiology; Growth.

BOTANY

Buildings occupied by Botany, Physiology, and Zoology (1900) worth $250,000; equipment of Botany worth $5,000, in addition to Dudley Herbarium, containing many type specimens, housed in University Museum, equipped for taxonomic work. Hopkins Marine Station, at Pacific Grove. An Experimental Garden, in which genetical experiments are being carried on on an extensive scale, and in which nearly all of the common plant diseases are cultivated, prevented, and cured.

Extensive collections of Archegoniates accessible. Herbarium rich in Western plants; collections of algæ, both fresh water and salt. Mildness of the climate, both summer and winter, permits experimental work, as well as collecting, out of doors at all times.

Departmental Library: See Biology.

"Stanford University Publications, University Series, Biological Sciences," I–V.

L. R. Abrams, Ph.D. (Columbia); Systematic Botany and Geographical Distribution of Plants.

J. I. W. McMurphy, A.M. (Stanford); Mycology and Plant Pathology.

G. J. Peirce, Ph.D. (Leipzig); Plant Physiology.

G. M. Smith, Ph.D. (Wisconsin).

L. G. M. Becking, Ph.D. (Stanford, Utrecht).

L. L. Burlingame, Ph.D. (Chicago); Cytology and Genetics.

A. G. Vestal, Ph.D. (Chicago); Ecology.

ZOOLOGY

Jordan Hall contains the laboratories of general zoology, and a number of smaller laboratories for advanced work.

Natural History Museum contains the collections and provides laboratories for investigators.

Hopkins Marine Laboratory at Pacific Grove.

Collections in Natural History Museum consist largely of material assembled in the course of investigation. Collections of Pacific Ocean fishes, fishes of the West coast, Hawaii, Japan, the Philippines, the South Seas, and the deep waters of the Pacific, are represented.

Equipment for research in Entomology.

Library: Vertebrate and Invertebrate Anatomy, Embryology, Systematic Zoology, geographic distribution, Ecology, etc., Genetics, and Experimental Zoology; literature of Ichthyology and Entomology is particularly voluminous.

R. W. Doane, A.B. (Stanford), Professor; Economic Entomology.

G. F. Ferris, A.M. (Stanford), Associate Professor; Systematic Entomology.

W. K. Fisher, Ph.D. (Stanford), Professor and Director of Hopkins Marine Station; Invertebrate Zoology, Echinoderms.

H. Heath, Ph.D. (Pennsylvania), Professor; Invertebrate Zoology; Molluscs.

Mary I. McCracken, Ph.D. (Stanford), Associate Professor; General Entomology; Genetics.

J. O. Snyder, A.M. (Stanford), Professor; Vertebrate Zoology; Fishes.

E. C. Starks, Associate Professor; Comparative Anatomy; Fishes.

University of California

BOTANY

"Botany," I–XIII (1902–1926).

W. L. Jepson, Ph.D. (California); Professor.

W. A. Setchell, Ph.D. (Harvard); Professor.

N. L. Gardner, Ph.D. (California); Associate Professor.

T. H. Goodspeed, Ph.D. (California); Associate Professor.

R. M. Holman, Ph.D. (California); Associate Professor.

W. W. Robbins, Ph.D. (Chicago); Associate Professor.

L. Bonar, Ph.D. (Michigan); Assistant Professor.

ZOOLOGY

"Zoology," I–XXIX (1902–1926).

J. F. Daniel, Ph.D. (Johns Hopkins), Professor.

J. Grinnell, Ph.D. (Stanford), Professor.

S. J. Holmes, Ph.D. (Chicago), Professor.

C. A. Kofoid, Ph.D. (Harvard), Professor.

W. E. Ritter, Ph.D. (Harvard), Professor.

J. A. Long, Ph.D. (Harvard), Associate Professor.

C. L. Camp, Ph.D. (Columbia), Assistant Professor.

S. F. Light, Ph.D. (California), Assistant.

University of Chicago

BOTANY

Botany building (1898). Cost, $80,000. Equipment, $18,000.

Greenhouses and a plot of ground for experimental purposes.

Departmental library, 6,000 volumes; in addition about 1,650 botanical volumes in the general library.

"The Botanical Gazette," I–LXXXII (1875–1926). "Contributions from the Hull Botanical Laboratory" constitute a special series of publications of individual pieces of research, appearing from time to time in "The Botanical Gazette," and representing graduate research done under the supervision of the Department of Botany. 362 numbers have been published.

H. C. Cowles, Ph.D. (Chicago); Plant Ecology.

C. J. Chamberlain, Ph.D. (Chicago); Cytology and Morphology.

C. A. Shull, Ph.D. (Chicago); Physiology.

W. J. G. Land, Ph.D. (Chicago); Morphology.

A. C. Noé, Ph.D. (Chicago); Paleobotany.

G. K. K. Link, Ph.D. (Chicago); Pathology.

G. D. Fuller, Ph.D. (Chicago); Ecology.

M. C. Coulter, Ph.D. (Chicago); Genetics.

S. V. Eaton, Ph.D. (Chicago); Physiology.

ZOOLOGY

Hull Zoological Laboratory (1897). Whitman Laboratory for Experimental Zoology (1925), a research laboratory for Genetics, Ecology, Physiological Zoology and Biology of Sex. Animal houses and greenhouse annexed.

F. R. Lillie, Ph.D. (Chicago); Embryology and Biology of Sex.

C. M. Child, Ph.D. (Leipzig); Physiological Zoology.

H. H. Newman, Ph.D. (Chicago); Biology of Twins, etc.

W. C. Allee, Ph.D. (Chicago); Ecology and Animal Behavior.

S. E. Wright, Sc.D. (Harvard); Genetics.

C. R. Moore, Ph.D. (Chicago); Embryology and Biology of Sex.

B. M. Willier, Ph.D. (Chicago); Experimental Embryology.

University of Illinois

BOTANY

Natural History Building (1892–93; additions 1909–10, 1922–23), $850,000. Equipment, $69,932.45.

22,337 volumes in field of natural history. State Laboratory of Natural History, 20,969 volumes; 53,644 pamphlets.

H. L. Shantz, Ph.D. (Nebraska), Professor; Physiology and Ecology.

C. F. Hottes, Ph.D. (Bonn), Professor; Physiology.

F. L. Stevens, Ph.D. (Chicago), Professor; Plant Pathology; Mycology.

W. B. McDougall, Ph.D. (Michigan), Assistant Professor; Ecology.

ZOOLOGY

H. B. Ward, Ph.D. (Harvard), Professor; Invertebrate Morphology and Parasitology.

L. A. Adams, Ph.D. (Columbia), Assistant Professor; Vertebrate Morphology.

V. E. Shelford, Ph.D. (Chicago), Associate Professor; Animal Ecology and Behavior.

C. Zeleny, Ph.D. (Chicago), Professor; Experimental Zoology and Genetics.

H. J. Van Cleave, Ph.D. (Illinois), Associate Professor; Faunistic and Systematic Zoology.

W. Shumway, Ph.D. (Columbia), Associate Professor; Embryology and Cytology.

C. L. Metcalf, D.Sc. (Harvard), Professor; Economic Entomology.

W. P. Hayes, Ph.D. (Cornell), Assistant Professor; Morphology and Embryology of Insects.

W. V. Balduf, Ph.D. (Ohio State), Assistant Professor; Systematic Entomology.

University of Iowa

ZOOLOGY

C. C. Nutting, M.A. (Blackburn College), Professor and Curator of Zoological Museum.

H. F. Wickham, M.S. (Iowa), Professor.

H. R. Dill, Assistant Professor and Director of the Exhibit of Vertebrates.

University of Kansas

BOTANY

Snow Hall (1886). Equipped for research in Plant Anatomy, Plant Pathology, and Plant Physiology.

W. C. Stevens, M.S. (Kansas), Professor of Botany; Plant Anatomy.

A. J. Mix, Ph.D. (Cornell), Professor of Botany; Plant Pathology.

W. H. Horr, M.A. (Kansas); Plant Physiology.

ZOOLOGY

Biological Section of the University library contains 3,465 volumes. Current biology journals, 75 and 100 journals.

Snow Hall (1886), $75,000. Dyche Museum of Natural History (1901).

"Kansas University Science Bulletin."

H. H. Lane, Ph.D. (Princeton); Mammalogy.

A. A. Schaeffer, Ph.D. (Johns Hopkins); Protozoology.

W. J. Baumgartner, M.A. (Kansas); Cytology.

E. H. Taylor, Ph.D. (Kansas); Vertebrate Taxonomy.

University of Michigan

BOTANY

The Department of Botany occupies the southeast quarter of the Natural Science Building (1915). Cost, $406,000.

Refrigerating machine makes it possible to obtain temperatures from or near zero, centigrade, to any temperature attainable with an incubator. Two insulated rooms near the machine, and in darkness, are kept about 5 and 15, respectively, and another, which is lighted, is suited to the cultivation of algæ or other green plants, at temperatures lower than that of the surrounding medium. A small culture room is heated electrically for a temperature higher than that of the surrounding medium. A room in the sub-basement allows a fairly constant temperature to be attained without any special control.

Botanical library, 5,050 volumes, including 2,520 volumes of 139 periodicals. Biology collection includes 4,590 volumes, 220 sets of periodicals numbering 2,720 volumes, and 1,870 other books and pamphlets.

H. H. Bartlett, A.B. (Harvard); Genetics; Biochemistry; Paleobotany. Chairman of the Department.

B. M. Davis, Ph.D. (Harvard); Cytology; Genetics.

C. H. Kauffman, Ph.D. (Michigan); Cryptogamic Botany. Director of the Herbarium.

J. B. Pollock, M.S. (Wisconsin); Microbiology; Soil Biology; Lime Secreting Organisms, including those of the coral reefs.

J. H. Ehlers, Ph.D. (Michigan); Taxonomy, Ecology of Phanerogams. Curator of the Phanerogamic Herbarium.

W. W. Tupper, A.M. (Harvard); Anatomy of Plants.

C. D. LaRue, Ph.D. (Michigan); Genetics of Cryptogamic Plants, Botany of the Hevea Rubber Tree.

F. G. Gustafson, Ph.D. (Harvard), Plant Physiology.

E. G. Anderson, Ph.D. (Cornell), Genetics.

HERBARIUM

In the new Museum Building the Herbarium will be housed and there will be equipment for research in the Taxonomy of the phanerogams and ferns, and especially also for the study of fungi, algæ, liver worts and mosses by modern laboratory methods.

The working Herbarium now includes over 100,000 collections of plants, both cryptogams and phanerogams.

C. H. Kauffman, Ph.D. (Michigan), Professor; Cryptogamic Botany, Taxonomy, Physiology and Pathology of Fungi.

J. J. Ehlers, Ph.D. (Michigan), Assistant Professor; Taxonomy and Ecology of the Phanerogams.

ZOOLOGY

A new building will be available in two years which will be equipped with laboratories, aquaria, vivaria, and experimental apparatus for the study of environmental relations, genetics, variation, and the facts and factors of distribution of wild animals.

"Occasional Papers of the Museum of Zoology, University of Michigan," I–VII (1913–1926). "Michigan Handbook Series, University Museum, University of Michigan," No. 1 (1925–).

"Miscellaneous publications of the Museum of Zoology, University of Michigan," I–XVI (1916–26).

Natural Science Building (1915), cost $400,000. Zoology occupies about one-fourth of this building. Equipment, $40,000

Departmental library, 1,741 bound periodicals; 3,170 other volumes.

L. R. Dice, Ph.D. (California); Systematic Mammalogy, Geographic Distribution and Life-histories of Mammals, Experimental Animal Breeding.

F. M. Gaige, B.A. (Michigan); Systematic Entomology, Life-histories of Insects.

C. L. Hubbs, A.M. (Stanford); Systematic Ichthyology, Geographical Distribu

tion and Life-histories of Fishes; Experimental Evolution of Fishes.

A. G. Ruthven, Ph.D. (Michigan); Systematic Herpetology; Geographical Distribution and Life-histories of Reptiles and Amphibians; Experimental Evolution of Reptiles and Amphibians; Zoogeography; Herpetology.

A. F. Shull, Ph.D. (Columbia); Genetics; Evolution.

J. E. Reighard, Ph.B. (Michigan); Ichthyology; Animal Behavior; Fresh-water Biology; Evolution.

G. R. LaRue, Ph.D. (Illinois); Parasitology.

P. S. Welch, Ph.D. (Illinois); Limnology; Entomology; Oligochæta.

P. O. Okkelberg, Ph.D. (Michigan); Cytology of Germ Cells.

L. V. Heilbrunn, Ph.D. (Chicago); General Physiology.

F. N. Blanchard, Ph.D. (Michigan); Herpetology.

H. T. Folger, Ph.D. (Hopkins); Animal Behavior.

University of Minnesota

BOTANY

J. A. Harris, Ph.D. (Washington).
C. O. Rosendahl, Ph.D. (Berlin).
J. E. Tilden, M.S. (Minnesota).
F. C. Butters, Ph.D. (Harvard).
W. S. Cooper, Ph.D. (Chicago).
R. B. Harvey, Ph.D. (Chicago).

ENTOMOLOGY AND ECONOMIC ZOOLOGY

R. N. Chapman, Ph.D. (Cornell).
W. A. Riley, Ph.D. (Cornell).
A. G. Ruggles, B.S.A. (Cornell).
S. A. Graham, Ph.D. (Minnesota).

University of Missouri

BOTANY

Laboratory facilities: Lefevre Hall shared with Zoology Department (1914); present value, $300,000; equipment, $30,000.

Laboratory is for research in Plant Physiology, Plant Pathology, Histology or Cytology. Mycological Herbarium includes 16,150 sheets.

Biology Library, 4,300 volumes. Lefevre Collection, 200 volumes. Medical Library, 10,000 volumes. Agricultural Library, 26,000 volumes.

"Bulletins, Missouri Agricultural Experiment Station," "University of Missouri Studies."

W. J. Robbins, Ph.D. (Cornell); Plant Physiology.

W. E. Maneval, Ph.D. (Harvard); Mycology.

H. W. Rickett, Ph.D. (Wisconsin); Taxonomy; Genetics.

I. T. Scott, Ph.D. (Missouri); Plant Pathology.

ZOOLOGY

Laboratory facilities: Lefevre Hall, present value, $300,000. Equipment: Aquarium room with running water; Animal room. Suitable equipment for research in Cytology, Histology, Embryology.

W. C. Curtis, Ph.D. (Johns Hopkins); Histology of Regeneration.

G. W. Tannreuther, Ph.D. (Chicago); Protozoology.

R. A. Bennitt, Ph.D. (Harvard); General Physiology.

Mary J. Guthrie, Ph.D. (Bryn Mawr); Cytology.

University of Nebraska

BOTANY

Laboratory (1917), cost $200,000; equipment, $25,000.

Departmental library, 25,000 volumes; 100,000 reprints; 75 periodicals.

Special collections on Mycology, Pathology, Ecology, Morphology, Taxonomy.

"Botanical Survey of Nebraska," I–X. "Flora of Nebraska," 6 parts.

R. J. Pool, Ph.D. (Nebraska); General Morphology, Taxonomy, Ecology.

J. E. Weaver, Ph.D. (Minnesota); Ecology; Physiology.

G. L. Peltier, Ph.D. (Illinois); Pathology.

R. W. Goss, Ph.D. (Wisconsin); Pathology.

E. R. Walker, Ph.D. (Nebraska); Morphology; Anatomy.

P. B. Sears, Ph.D. (Chicago); Physiology; Cytology.

L. B. Walker, A.M. (Nebraska); Mycology.

E. N. Andersen, A.M. (Nebraska); Plant Chemics.

University of North Carolina

BOTANY

Botany Department (1925), cost $61,000. Fungus collections are extensive and very valuable, containing many types of species, some of which are known only from Chapel Hill. Equipment, $11,074. Special equipment for culture work in fungi.

Departmental library, 1,856 volumes.

W. C. Coker, Ph.D. (Johns Hopkins); Fungi; Morphology of Gymnosperms.

ZOOLOGY

Laboratory facilities in Main Building of Davie Hall (1908); equipment, $15,000.

Departmental library, 1,300 volumes.

H. V. Wilson, Ph.D. (Johns Hopkins); Cellular Development in Lower Forms; Classification of Sponges.

R. E. Coker, Ph.D. (Johns Hopkins); Ecology (Entomostraca, Hydrobiology).

University of Pennsylvania

BOTANY

Botanic Garden surrounding MacFarlane Hall of Botany (4 acres) contains about 3,000 species of native exotic plants. Ten greenhouses and experimental plant houses contain representative collection of species from all parts of the world; experimental plant houses utilized for physiological and morphological studies.

The herbarium includes collections made by I. Burk, Leidy, Rothrock, Gray, Aubrey, Smith, Ellis, Lindheimer, Brinton, the algæ collection of Wolle, the moss collection of Mrs. Josephlne Lowe, and the special collections of other well known botanists. Recently large additions of European material have been made to the collections of algæ and bryophytes.

Departmental library, 6,450 volumes. Libraries of the Academy of Natural Sciences, American Philosophical Society and other collections are available.

"Contributions from the Botanical Department, University of Pennsylvania," I–V, 2, (1892–1920).

R. H. True, Ph.D. (Leipzig), Professor; Plant Physiology; History of Agriculture.

J. W. Harshberger, Ph.D. (Pennsylvania), Professor; Ecology and Fungi.

W. Seifriz, Ph.D. (Johns Hopkins), Professor; Physiology of the Cell.

D. W. Steckbeck, Ph.D. (Pennsylvania), Assistant Professor; Plant Anatomy; Morphology and Taxonomy of Angiosperms.

W. R. Taylor, Ph.D. (Pennsylvania), Assistant Professor; Plant Cytology; Algæ.

I. Boeshore, Ph.D. (Pennsylvania), Assistant Professor.

ZOOLOGY

The Zoological Laboratory equipped for Morphological or Physiological studies. Vivarium with fresh water and salt water aquaria.

Leidy collection of parasites. Cope osteological collection. Hyrtl collection of fish skeletons (800). Montgomery collection of Arachnids, Nemertines and Gordiids.

Other facilities in Philadelphia are those of the Wistar Institute of Anatomy and Biology, the Academy of Natural Science, the Zoological Gardens and the Aquarium.

The Wistar Institute of Anatomy and Biology is devoted to original research, at the present time chiefly in Neurology, Comparative Anatomy and Embryology of Vertebrates. It acts as publisher for the following journals: "Journal of Morphology and Physiology," "American Journal of Anatomy," "Anatomical Record," "Journal of Comparative Neurology and Psychology," and "Journal of Experimental Zoology."

The Academy of Natural Sciences of Philadelphia admits students to zoological, botanical and geological libraries, comprising practically all the periodical publications of the world on these subjects, as well as monographs and separate works.

Zoological collections: Mollusks, birds, insects, fishes and annelids, and paleontology.

The Zoological Gardens offer facilities for investigation of living animals and for obtaining anatomical material.

Zoological Library, 8,949 volumes. Libraries of former professors, Leidy, Cope, Ryder and Montgomery: Vertebrate morphology and paleontology, araneology, helminthology and cytology.

"Journal of Morphology," I–XLII (1887–1926), (Wistar Institute). "Contributions of the Zoological Laboratory" (1896–1925).

C. I. McClung, Ph.D. (Kansas), Professor; Cytology in Relation to Heredity.

J. P. Moore, Ph.D. (Pennsylvania), Professor; Comparative Anatomy and Life Histories of Vertebrates and Annelids.

P. P. Calvert, Ph.D. (Pennsylvania), Professor; Insects, especially the Odonata.

D. H. Wenrich, Ph.D. (Harvard), Assistant Professor; Cytology; Protozoology.

J. H. Bodine, Ph.D. (Pennsylvania), Assistant Professor; General Physiology.

R. L. King, Ph.D. (Pennsylvania), Instructor; Cytology; Genetics.

University of Virginia

BIOLOGY

Biological Laboratory. Present value, $100,000; equipment, $8,459 exclusive of museum specimens and bound journals and books.

Laboratory equipped for morphological work in Zoology and Botany.

Library, 2,000 volumes.

I. F. Lewis, Ph.D. (Johns Hopkins).

W. A. Kepner, Ph.D. (Virginia).

B. D. Reynolds, Ph.D. (Johns Hopkins).

E. M. Betts, M.S. (Virginia).

Washington University

BOTANY

Laboratories for undergraduate instruction are in Charles Rebstock Biology Hall. With the exception of cytology, all graduate instruction is given at the Missouri Botanical Garden where are found an extensive herbarium containing over one million sheets, the library and laboratories (1909). Equipment for special physiological work includes spectroscopic and photomicrographic outfits, instruments for the measurements of environmental conditions, large electric incubators built for special physiological work, and much small apparatus. All of the latest devices are installed for investigation of the chemical side of plant physiology. A most important adjunct to the laboratory is the abundance of material to be found in the garden and greenhouses of the Missouri Botanical Garden. Special greenhouses are maintained for experimental work.

Departmental collections: 40,649 bound volumes; 55,116 pamphlets; 330 manuscripts.

Library is noted for its unusual collection of Pre-Linnean literature, its rare and valuable monographs, and complete files of practically all periodicals dealing with botany throughout the world. About one million cards are contained in the various index catalogues. Located at the Missouri Botanical Garden.

Annual reports of the Missouri Botanical Garden from 1890 to 1912, contain numerous papers by members of the staff of the Shaw School of Botany of Washington University. Since 1912 the Missouri Botanical Garden has published the "Annals," a quarterly journal, now in its thirteenth volume. This is devoted exclusively to the publication of papers offered by members of the staff and graduate students in the Shaw School of Botany.

G. T. Moore, Ph.D. (Harvard); Physiology.

B. M. Duggar, Ph.D. (Cornell); Physiology.

J. M. Greenman, Ph.D. (Berlin); Taxonomy.

C. H. Farr, Ph.D. (Columbia); Cytology.

E. Anderson, D.Sc. (Harvard); Genetics.

D. H. Linder, Ph.D. (Harvard); Mycology.

L. O. Overholts, Ph.D. (Washington); Mycology.

ZOOLOGY

Temporary Building (1920).

Rebstock Biology Hall (1927) in course of construction. Cost, $330,000. Equipment, $70,000. Facilities for research in Embryology, Cytology, Experimental Ge-

netics, Parasitology, Protozoology and General Physiology.

Departmental library, 5,000 volumes. Students have access to the libraries of the Washington University Medical School, 40,000 volumes; Missouri Botanical Garden, 42,000 volumes, and the St. Louis Academy of Science, about 7,500 volumes.

G. Caswell, Ph.D. (Johns Hopkins); Invertebrate Zoology; Cytology.

P. B. Hanson, Ph.D. (American), Professor of Zoology, Genetics and Evolution.

H. M. Miller, Jr., Ph.D. (Illinois), Comparative Anatomy and Parasitology.

Bertha Uhlemeyer, M.S. (Washington); Protozoology.

Yale University

BOTANY

Osborn Botanical Laboratory (1912), cost $541,000. Equipment, $51,000.

University Library has 34,000 volumes related to Biological Science.

Osborn Botanical Laboratory has a departmental library of 976 volumes, and about 20 periodicals.

"Contributions from the Osborn Botanical Laboratory," 5 series issued during a period of 8 years.

A. W. Evans, Ph.D. (Yale), Eaton Professor of Botany; Curator of the Eaton Herbarium and other Botanical Collections; Hepaticæ.

S. J. Record, M.F. (Yale), Professor of Forest Products; Structure and Identification of Woods; Timber Physics; Timber Preservation.

J. W. Toumey, M.S. (Michigan), Morris K. Jessup Professor of Silviculture; Seeding and Planting in the Practice of Forestry; the Relation of Plants to Environment; the Relation of Forest Cover to Run-off of Streams; Light Measurements and Tolerance.

G. P. Clinton, M.S. (Illinois), S.D. (Harvard), Research Assistant in Plant Pathology; Fungi.

G. E. Nichols, Ph.D. (Yale), Associate Professor of Botany; Ecology; Vegetation of Northeastern America; Bryophytes.

G. R. Wieland, Ph.D. (Yale), Research Associate in Paleobotany; Geological Climatology and Distribution; Testudinata.

G. A. Garratt, B.S. (Michigan Agricultural College), M.F. (Yale), Assistant Professor of Forest Products; Forest Products.

ZOOLOGY AND ANATOMY

The Osborn Zoological Laboratory (1913) valued at $1,000,000. Equipment, $80,000.

The number of volumes in the University on biological sciences, 34,000; 32 current biological periodicals. Departmental library, 1,151 volumes. The Osborn Zoological Laboratory contains a library of 1,651 volumes.

The Osborn Zoological Laboratory publishes the "Collected Papers" of its workers.

W. R. Coe, Ph.D. (Yale), Professor of Biology; Curator of the Zoological Collection. Cytology; Echinoderms; Nemerteans; Embryology.

R. G. Harrison, Ph.D. (Johns Hopkins), M.D. (Bonn), Managing editor, "Journal of Experimental Zoology," Bronson Professor of Comparative Anatomy, Director of the Osborn Zoological Laboratory; Vertebrate Morphology; Regeneration; Experimental Embryology, and Tissue Culture.

A. Petrunkevitch, Ph.D. (Freiburg), Professor of Zoology; Invertebrates; Arachnology; Scientific Photography.

L. L. Woodruf, Ph.D. (Columbia), Professor of Protozoology; Rhythms and Cycles in Life History of Infusoria; Physiology of Conjugation; Endomixis.

G. A. Baitsell, Ph.D. (Yale), Associate Professor of Biology; Life History of Protozoa; Tissue Culture; Wound Healing; Fibrin; Connective Tissue Formation in the Embryo and in Adult Tissues Infected with Tuberculosis.

J. W. Buchanan, Ph.D. (Chicago), Assistant Professor of Biology; Physiology.

J. S. Nicholas, Ph.D. (Yale), Assistant Professor of Biology; Experimental Morphology; Embryology.

H. B. Ferris, M.D. (Yale), E. K. Hunt Professor of Anatomy; Mitosis in Cancer; Chronic hydrocephalus; Cerebro-spinal Fluid; Indians of Cuzco and the Opurimac

H. S. Burr, Ph.D. (Yale), Associate Professor of Anatomy; Experimental Embry

ology; Neuro-anatomy; Human Vascular System.

L. S. Stone, Ph.D. (Yale), Assistant Professor of Anatomy; Anatomy.

MEDICAL SCIENCES

Anatomy, Bacteriology, Biochemistry, Biometry, Biophysics, Embryology, Hygiene, Pathology, Pharmacology, Physiology, Physiological Chemistry, Psychiatry, Public Health and the departments of Clinical Medicine.

See also Chemistry, Physics, Biology.

Columbia University

BACTERIOLOGY

The department shares with the Department of Pathology the Library of the Alumni Association of the College of Physicians and Surgeons. Special collection of periodicals.

Physicians and Surgeons Building, 437 West 59th Street (1888), will be supplanted by the Laboratory Building of the Presbyterian Hospital-Columbia University Medical Center (1927).

E. P. Gay, M.D. (Johns Hopkins); The Cellular Mechanism of Immunity.

C. B. Coulter, M.D. (Columbia); Physical Chemistry of Immunity.

E. B. McKinley, M.D. (Michigan); Ultramicroscopic Viruses.

F. B. Humphreys, M.D. (Columbia); Anærobic Bacteria.

BIOCHEMISTRY

In 1928 laboratories will be at the Columbia University Presbyterian Hospital Medical Center, 168th Street and Broadway.

Departmental library, 3,500 volumes; 2,000 classified pamphlets.

"The Biochemical Bulletin," I–V (1911–1916).

One volume of collected research papers from the laboratory was issued. More are in preparation.

W. G. Gies, Ph.D. (Yale), Professor; The Field of Biochemistry in Relation to the Teeth and to Oral Hygiene. Also: Connective Tissues; and special Aspects of Nutrition.

E. G. Miller, Jr., Ph.D. (Columbia), Associate Professor; Growth and Nutrition; Industrial Conditions; Psychological Chemistry; General Biochemistry.

M. Karshan, Ph.D. (Columbia), Assistant Professor; Dental Chemistry; The Chemistry of Connective Tissue.

PHYSIOLOGY

New laboratories being built at Columbia-Presbyterian Medical Center.

Research equipment includes all facilities for chemical investigation in Physiology.

Facilities for animal experimentation. Student laboratory equipped for work in both Physical and Chemical Physiology. Laboratory for investigations in Industrial Hygiene.

Departmental Library, 10,000 volumes; Curtis collection of medical historical works; complete files of practically all important physiological journals in English, French, German and Italian. Files of some of the more important physical and chemical journals and collected papers of many laboratories. Index catalogue of Surgeon General's library and Geneva card index in Physiology. This library will be incorporated in the general medical school library when the school moves to its new building in 1928.

"Studies from the Department of Physiology," I–IX (1887–1922).

H. B. Williams, M.D.; Physical Physiology; Electro-physiology; Sound; X-rays.

F. S. Lee, Ph.D. (Johns Hopkins), Professor; Physical Physiology; Fatigue; Ventilation, etc.

E. L. Scott, Ph.D. (Columbia); Chemical Physiology; Blood Sugar and other Blood Chemistry; Application of Statistical Methods in Physiology.

F. H. Pike, Ph.D. (Chicago); Physical Physiology; Physiology of the Nervous System; Labyrinthine and Cerebellar Functions.

Aleita Hopping, Ph.D. (Columbia); Physical Physiology; Chemical Physiology.

R. Anderson, Ph.D. (Columbia); Physical Chemistry Applied to Physiology.

F. B. Flinn, Ph.D. (Columbia); Industrial Hygiene; Metallic Poisons; Radioactive Materials; Effects of Heat and Humidity.

Cornell University

ANATOMY

C. R. Stockard.
R. Chambers, Jr.
C. V. Morrill.
G. Papanicolaou.

HISTOLOGY AND EMBRYOLOGY

B. F. Kingsbury.
H. B. Adelmann.

HUMAN PHYSIOLOGY AND BIOCHEMISTRY

J. B. Sumner.
H. S. Liddell.
J. A. Dye.

PATHOLOGY, BACTERIOLOGY, AND HYGIENE

J. Ewing.
W. J. Elser.
O. H. Schultze.
J. C. Torrey.
E. S. L'Esperance.
A. F. Coca.
M. C. Kahn.

PHARMACOLOGY

R. A. Hatcher.

PHYSIOLOGY

G. Lusk.
D. J. Edwards.
H. J. Deuel.
J. McK. Cattell.

PHYSIOLOGICAL CHEMISTRY AND CHEMICAL PATHOLOGY

S. R. Benedict.

Harvard University

Medical School, $2,863,000. Land (11 acres), approximately, $371,000. Buildings (1906), $2,492,000. The Administration Building, contains the Faculty room, the Dean's offices, the central library, and Warren Museum, and amphitheatre seating one hundred and twenty-five, a lunch room, and a student's room. Building B accommodates the department of Anatomy, Histology, and Embryology. Building C provides space for the departments of Physiology, Physical Chemistry, Biochemistry, and Experimental Surgery. Building D is occupied by the departments of Bacteriology, Neuropathology, Pathology, and Tropical Medicine. Building E houses Pharmacology, Preventive Medicine, and Comparative Pathology. The Clinical departments are housed in the various hospitals associated with the school.

Medical Library, 139,800 volumes.

R. Hunt, M.D. (Maryland), Ph.D. (Johns Hopkins), Professor of Pharmacology.

W. T. Porter, M.D. (St. Louis), Professor of Comparative Physiology.

M. J. Rosenau, M.D. (Pennsylvania), A.M. (Harvard), Charles Wilder Professor of Preventive Medicine and Hygiene.

E. P. Kohler, Ph.D.; Abbott and James Lawrence Professor of Chemistry.

G. H. Parker, S.D., Professor of Zoology.

O. Folin, Ph.D. (Chicago), M.D. (Upsala-Berlin-Marburg), Hamilton Kuhn Professor of Biological Chemistry.

W. B. Cannon, A.M. (Harvard), M.D. (Harvard), George Higginson Professor of Physiology.

E. E. Tyzzer, M.D. (Harvard), George Fabyan Professor of Comparative Pathology.

L. J. Henderson, M.D. (Harvard), Professor of Biological Chemistry.

S. B. Wolbach, M.D. (Harvard), Shattuck Professor of Pathological Anatomy.

H. Zinsser, M.D., A.M. (Columbia), Professor of Bacteriology and Immunology.

C. K. Drinker, M.D. (Pennsylvania), Professor of Physiology.

PHYSIOLOGY

Equipment, $10,000. Departmental collections, 500 volumes.

Publications from the Laboratory of General Physiology are collected as "Papers." In 1925–26, 16 titles appeared in this series. The majority appear in the "Journal of General Physiology."

W. J. Crozier, Ph.D. (Harvard); General Physiology, especially of Behavior and Central Nervous System. Editor, "Journal of General Physiology."

Indiana University

Departmental library, 1,000 volumes, including a part of F. P. Mall Collection; 30

periodicals. Physiology Departmental Library, 1,000 volumes.

B. D. Myers, M.D. (Leipzig); Histology.

J. A. Badertscher, Ph.D. (Cornell); Lymphoid Organs.

L. H. Strong, Ph.D. (California); Embryology of the Blood Vessels.

W. J. Moenkhaus, Ph.D. (Chicago); Experimental Biology.

P. M. Hamon, Ph.D. (Indiana); Physiology of Muscles.

Johns Hopkins University

SCHOOL OF MEDICINE

Works relating to medicine are placed in special libraries in the hospital and in the Medical School.

The library of the Medical and Chirurgical Faculty of Maryland, 38,000 volumes, is conducted in affiliation with the library of the School of Medicine.

Other libraries of Baltimore are the Peabody with 215,601 volumes, the Enoch Pratt, with 459,669 volumes, and the new Mercantile with 40,000 volumes. With the exception of the last named these libraries are open to students of the School of Medicine.

Washington is so near that its libraries and museums may be easily utilized. Among the chief institutions of interest to students are: The Smithsonian Institution and National Museum, the Library of Congress, the Library of the Surgeon General's office, and the libraries of the various Departments and Bureaus.

The Bulletin of the Johns Hopkins Hospital, monthly, contains articles of those connected with the School of Medicine and Hospital and the proceedings of the Medical Societies. The "Johns Hopkins Hospital Reports" contain the monographs and results of researches in the Hospital and the laboratories of the School of Medicine.

J. J. Abel, M.D. (Strassburg), Professor of Pharmacology.

J. W. Williams, M.D. (Maryland), Professor of Obstetrics.

W. Jones, Ph.D. (Johns Hopkins), DeLamar Professor of Physiological Chemistry.

A. Meyer, M.D. (Zurich), Henry Phipps Professor of Psychiatry.

W. G. MacCallum, M.D. (Johns Hopkins), Baxley Professor of Pathology.

L. H. Weed, M.D. (Johns Hopkins), Professor of Anatomy.

E. K. Marshall, Jr., M.D., Ph.D. (Johns Hopkins), Professor of Physiology.

C. D. Snyder, Ph.D. (California), Professor of Experimental Physiology.

W. T. Longcope, M.D. (Johns Hopkins), Professor of Medicine.

D. Lewis, M.D. (Rush), Professor of Surgery.

W. H. Wilmer, M.D. (Virginia); Professor of Ophthalmology.

T. C. Gilchrist, M.D., Clinical Professor of Dermatology.

T. S. Cullen, M.B. (Toronto), Professor of Clinical Gynecology.

H. H. Young, M.D. (Virginia), Clinical Professor of Urology.

S. J. Crowe, M.D. (Johns Hopkins), Clinical Professor of Laryngology and Otology.

SCHOOL OF HYGIENE AND PUBLIC HEALTH

Building at 615 North Wolfe Street (1925); cost, $1,150,000.

Equipment, $314,700.

Departmental library, 10,000 volumes.

"Collected Papers," I–VII (1920–1926).

"American Journal of Hygiene," I–VII (1921–1926).

W. H. Howell, Ph.D. (Johns Hopkins), M.D. (Michigan), Director and Professor of Physiology.

C. G. Bull, S.B. (Peabody), M.D. (Nashville), Professor of Immunology.

W. W. Cort, Ph.D. (Illinois), Professor of Helminthology.

W. W. Ford, M.D. (Johns Hopkins), D.P.H. (McGill), Professor of Bacteriology.

A. W. Freeman, M.D. (Johns Hopkins), Professor of Public Health Administration.

W. H. Frost, M.D. (Virginia), Professor of Epidemiology.

J. H. Gregory, S.B. (Massachusetts Institute of Technology), Professor of Civil and Sanitary Engineering.

R. W. Hegner, Ph.D. (Wisconsin), Professor Protozoology.

E. V. McCollum, Ph.D. (Yale), Professor of Biochemistry.

R. Pearl, Ph.D. (Michigan), Research Professor of Biometry and Vital Statistics.

L. J. Reed, Ph.D. (Pennsylvania), Professor of Biometry and Vital Statistics.

C. E. Simon, M.D. (Maryland), Resident lecturer in Filterable Viruses.

W. H. Welch, M.D. (Columbia and Pennsylvania), Director Emeritus.

G. H. Bailey, M.D. (Johns Hopkins), D.P.H. (Johns Hopkins), Associate Professor of Immunology.

Janet H. Clark, Ph.D. (Johns Hopkins), Associate Professor of Physiology.

J. A. Doull, M.D.C.M. (Dalhousie), D.P.H. (Cambridge), Associate Professor of Epidemology.

H. L. Dunn, M.D., Ph.D. (Minnesota), Associate Professor of Biometry and Vital Statistics.

R. R. Hyde, Ph.D. (Columbia), Associate Professor of Immunology.

A. L. Meyer, M.D. (Pennsylvania), Associate Professor of Physiology.

F. M. Root, Ph.D. (Johns Hopkins), Associate Professor of Medical Entomology.

Nina Simmonds, A.M., Sc.D. (Johns Hopkins), Associate Professor of Biochemistry.

Ohio State University

ANATOMY

F. L. Landacre, Ph.D. (Chicago), Professor; Origin of Ganglia in Certain Life Forms.

BACTERIOLOGY

C. B. Morrey, M.D. (Ohio Starling Medical College), Professor; Agricultural Bacteriology; Vaccine against Tuberculosis of Guinea Pigs; Technical Bacteriology.

W. A. Starin, Ph.D. (Chicago), Professor.

PHYSIOLOGY

R. G. Hoskins, Ph.D. (Harvard), M.D. (Johns Hopkins), Professor; Internal Secretions. Editor-in-chief, "Endocrinology."

A. M. Bleile, M.D. (Starling Medical College), Professor; Physiology.

PHYSIOLOGICAL CHEMISTRY

C. S. Smith, Ph.D. (Columbia), Professor; Physiological Chemistry.

PUBLIC HEALTH

E. F. McCambell, Ph.D. (Chicago), M.D. (Rush Medical College), Professor and Dean of College of Medicine; Internal Medicine.

E. R. Hayhurst, M.D. (Illinois), Ph.D. (Chicago), Professor; Industrial Hygiene.

Stanford University

ANATOMY, DISSECTION, HISTOLOGY, NEUROLOGY, EMBRYOLOGY, PHYSICAL ANTHROPOLOGY

Department of Anatomy occupies a portion of a building designed for a museum.

Equipment, $75,000.

University Library, 390,000 volumes, and Lane Medical Library in San Francisco, 60,000 volumes.

Department library has 40 current periodicals, and a few are kept in the University Library or in that of the School of Biology.

C. H. Danforth, Ph.D. (Washington); Heredity; Anthropometric Methods; Hereditary Anemia, Adiposity and Anomalies in Mice.

E. T. Engle, Ph.D. (Stanford); Problems in Mammalian Reproduction.

F. M. McFarland, Ph.D. (Würzburg) Histology; Cytology.

A. W. Meyer, M.D. (Johns Hopkins) Lympathics; Prenatal Growth; Pathology Dietary Morphologic Changes; Human Anatomy.

P. E. Smith, Ph.D. (Cornell); The Structure and Physiology of the Endocrine Glands.

W. H. Manwaring, M.D. (Johns Hopkins); Professor of Bacteriology and Experimental Pathology.

E. W. Schultz, M.D. (Johns Hopkins) Professor of Bacteriology and Experimental Pathology; Pathogenic Bacteriology and Filtrable Viruses.

C. W. Jungeblut, M.D. (Bern), Assistant Professor of Bacteriology; Immunology.

STANFORD UNIVERSITY SCHOOL OF MEDICINE

The buildings of the Medical School consist of the Medical School proper, which houses the Out-Patient Department (11,600 new patients and 133,299 visits a year), the laboratories of Pharmacology, Pathology, Medicine, Surgery, Obstetrics, and Gynecology and Public Health; the Lane Hospital with over 150 clinic beds, the Stanford Hospital, the Stanford School of Nursing, and the Lane Medical Library. The Medical School Building was erected in 1882, the Lane Hospital in 1894, the Lane Medical Library in 1912, the Stanford Hospital in 1917, and the Stanford School of Nursing in 1922. The combined value of these buildings is estimated at $1,500,000. The equipment is worth at least $500,000. The laboratories are fully equipped for routine work and research.

Lane Medical Library, 65,000 volumes. Adolph Barkan Library of Ophthalmology and allied sciences, 5,000 volumes. History of Medicine, 7,000 volumes.

"Stanford University Medical Bulletin," I–VII (1912–24).

A. L. Bloomfield, M.D. (Johns Hopkins), Professor of Medicine.

E. F. Holman, M.D. (Johns Hopkins), Professor of Surgery.

A. B. Spalding, M.D. (Columbia), Professor of Obstetrics and Gynecology.

W. Ophuls, M.D. (Göttingen), Professor of Pathology.

E. C. Dickson, M.D. (Toronto), Professor of Public Health and Preventive Medicine.

H. K. Faber, M.D. (Michigan), Professor of Medicine; Pediatrics.

H. G. Mehrtens, M.D. (Stanford), Professor of Medicine; Neurology.

W. R. P. Clark, M.D. (Cooper), Clinical Professor of Medicine; Tuberculosis.

H. E. Alderson, M.D. (California), Clinical Professor of Medicine; Dermatology.

W. E. Chamberlain, M.D. (California), Professor of Medicine; Radiology.

H. L. Langnecker, M.D. (Johns Hopkins), Associate Clinical Professor of Surgery; Physical Therapy.

L. W. Ely, M.D. (Columbia), Professor of Surgery; Orthopedics.

J. R. Dillon, M.D. (Cooper), Associate Clinical Professor of Surgery; Genito-Urinary.

E. C. Sewall, M.D. (Cooper), Clinical Professor of Surgery; Otology; Rhinology, Laryngology.

A. B. McKee, M.D. (Cooper), Clinical Professor of Surgery; Ophthalmology.

UNIVERSITY OF CALIFORNIA

ANATOMY

H. M. Evans, M.D. (Johns Hopkins), Professor.

R. O. Moody, M.D. (Yale), Associate Professor.

Marian E. Simpson, Ph.D. (California), M.D. (Johns Hopkins), Assistant Professor.

BACTERIOLOGY

K. F. Meyer, D.V.M., Ph.D. (Zurich), Professor.

T. D. Beckwith, Ph.D. (California), Associate Professor.

BIOCHEMISTRY AND PHARMACOLOGY

C. L. A. Schmidt, Ph.D. (California), Professor.

G. W. Clark, Ph.D. (California), Assistant Professor.

G. L. Foster, Ph.D. (Dartmouth), Assistant Professor.

E. C. Sundstroem, M.D. (Helsingfors), Assistant Professor.

HYGIENE

J. N. Force, Ph.D. (California), Professor.

R. T. Legge, Ph.D. and M.D. (California), Professor.

Ruby L. Cunningham, M.D. (California), Associate Professor.

Margaret Beattie, M.A. and Gr.P.H. (California), Assistant Professor.

R. A. Bolt, M.D. (Michigan); D.P.H. Johns Hopkins), Assistant Professor.

Edith S. Bryan, A.B. (Occidental), Assistant Professor.

F. L. Lelly, M.D., D.P.H. (California), Assistant Professor.

PHYSIOLOGY

Spreckles Physiological Laboratory (1903), $25,000. Equipment, $16,936.37.

"Physiology," I–V (1903–1926).

S. S. Maxwell, Ph.D. (Chicago), Professor.

T. C. Burnett, Ph.D. (California), Associate Professor.

Lillian M. Moore, Ph.D. (California), Assistant Professor.

University of Chicago

ANATOMY

Hull Laboratory of Anatomy (1896). Laboratories equipped for tissue culture, cytological and glandular work, neurology and immunity; research in embryology; collection of human embryos.

Biological Departmental Library, 50,000 volumes.

R. R. Bensley, M.B., D.Sc. (Toronto); Cytology; Endocrine Glands; Glands of Alimentary Canal; Organs of Excretion.

C. J. Herrick, Ph.D. (Columbia); Neurology; Human and Comparative.

A. A. Maximow, M.D. (Imperial Military Academy of Medicine, St. Petersburg); Blood; Connective Tissues; Tissue Culture.

B. C. H. Harvey, M.B. (Toronto); Human Anatomy.

P. Kyes, M.D. (Johns Hopkins); Immunity.

C. H. Swift, M.D. (Rush), Ph.D. (Chicago); History of Medicine.

G. W. Bartelmez, Ph.D. (Chicago); Human Embryology.

BACTERIOLOGY, PARASITOLOGY, PUBLIC HEALTH

Ricketts Laboratory (half of building, 1915); cost, $30,000; equipment, $20,000.

Ricketts Laboratory South (1922); $45,000; equipment, $10,000.

Biological and medical library, 40,000 volumes.

Flügge collection of 13,000 reprints.

"Journal of Infectious Diseases," "Journal of Preventive Medicine," published by McCormick Institute.

E. O. Jordan, Ph.D. (Clark); Bacteriology and Public Health.

J. F. Norton, Ph.D. (Chicago); Bacteriology and Public Health.

W. H. Taliaferro, Ph.D. (Johns Hopkins); Parasitology.

I. S. Falk, Ph.D. (Yale); Immunology and Vital Statistics.

PATHOLOGY

Pathological laboratory (1927), $650,000; equipment, $50,000.

Laboratory will be characterized by equipment to provide for chemical work by the research staff; 20 private rooms available for research workers and 5 small laboratories for advanced students and investigators.

Chemical laboratory for research purposes and a laboratory especially designed for Experimental Pathology. Reading room for current periodicals.

In addition department has access to the Durand Hospital ($250,000) for contagious diseases, of which Professor Hektoen is director. This hospital has 50 beds for acute contagious diseases and is designed primarily for research work in this field. Adjacent is the research laboratory ($150,000) provided with facilities and equipment for research in Immunology and Bacteriology. Research students in Pathology work here under direction of Professor Hektoen, this work being endowed by the funds of the John McCormick Institute for Infectious Diseases.

The Otho S. A. Sprague Memorial Institute, endowment $2,000,000, of which Professor Wells is director, furnishes facilities for research in Pathology. Its income is used to support research work largely under the auspices of the Department of Pathology of the University of Chicago, 20 research workers. Erection of a research hospital and laboratory is contemplated. Graduate students in Pathology may work in the Sprague Institute in laboratories which it maintains at University of Chicago, Rush Medical College and Children's Memorial Hospital.

The "Journal of Infectious Diseases" is published by the John McCormick Institute for Infectious Diseases under the editorship of Professor Hektoen and Professor Jordan. I–XXXIX (1904–1926).

The "Archives of Pathology" and "Laboratory Medicine" published by the Ameri-

can Medical Association are edited by Professor Hektoen, I–II (1926–).

L. Hektoen, M.D. (College of Physicians and Surgeons, Chicago); Immunology and General Pathology.

H. G. Wells, M.D., Ph.D. (Chicago); Immunology and General Pathology.

E. R. Long, Ph.D., M.D. (Chicago); General Pathology and Tuberculosis.

P. R. Cannon, Ph.D., M.D. (Chicago); Immunology and General Pathology.

PHYSIOLOGY

Laboratory (1926), cost $900,000. Equipment, $50,000.

A. J. Carlson, Ph.D. (Stanford); Digestion; Ductless Glands.

A. B. Luckhardt, Ph.D., M.D. (Chicago); Secretions; Anesthesia.

R. S. Lillie, Ph.D. (Chicago); General Physiology.

N. Kleitman, Ph.D. (Chicago); Nervous System.

T. H. Koppanyi, Ph.D. (Vienna); Organ Transplantation.

PHYSIOLOGICAL CHEMISTRY AND PHARMACOLOGY

The new building containing the Physiological-Chemical and Pharmacological laboratories is connected above the second floor by a bridge to a duplicate structure for Physiology.

Equipment, $80,000. The laboratory is especially equipped for physical chemical investigations and for general advanced work in biological chemistry.

A. B. Hastings, Ph.D. (Columbia); Application of Physical Chemistry to Biochemical Problems.

M. E. Hanke, Ph.D. (Chicago); Application of Physical Chemistry to Biochemical Problems.

A. L. Tatum, Ph.D. (Chicago); Pharmacology.

H. V. van Dyke, Ph.D. (Chicago); Pharmacology.

Ida K. Ragins, Ph.D. (Chicago); Biochemistry; Proteins.

F. C. Koch, Ph.D. (Chicago); Physiological Chemistry; Phospho-Lipins; Enzymes; Internal Secretions; Blood Chemistry.

UNIVERSITY OF ILLINOIS

ANATOMY

V. E. Emmel, Ph.D. (Brown), Professor; Embryology and Histogenesis.

O. F. Kampmeier, Ph.D. (Princeton), M.D. (Munich), Associate Professor; Embryology and Histogenesis.

BACTERIOLOGY AND PATHOLOGY

Equipment, $9,948.43, in Chemistry Building.

D. J. Davis, M.D. (Rush), Ph.D. (Chicago), Professor; Bacteriology and Pathology.

W. F. Peterson, M.D. (Rush), Professor; Bacteriology and Pathology.

R. H. Jaffe, M.D. (Vienna), Associate Professor; Bacteriology and Pathology.

PHARMACOLOGY

H. A. McGuigan, Ph.D. (Chicago), M.D. (Chicago), Professor; Pharmacodynamics.

PHYSIOLOGICAL CHEMISTRY AND PHYSIOLOGY

W. H. Welker, Ph.D. (Columbia), Professor; Biochemistry.

O. Bergaim, Ph.D. (Jefferson), Assistant Professor.

SURGERY

C. A. Hedblom, M.D. (Harvard), Ph.D. (Minnesota), Professor; Thoracic Surgery.

BACTERIOLOGY

F. W. Tanner, Ph.D. (Illinois), Professor; Physiology of Bacteria.

S. A. Koser, Ph.D. (Yale), Assistant Professor.

PHYSIOLOGY

W. E. Burge, Ph.D. (Johns Hopkins), Associate Professor; Physiology of Respiration; Circulation; Digestion; Metabolism; Excretion; Glands of Internal Secretion; Nervous System.

UNIVERSITY OF IOWA

PSYCHIATRY

S. T. Orton, M.D. (Pennsylvania), M.A. (Harvard), Professor and Director of Psychopathic Hospital.

University of Kansas

ANATOMY

Anatomy housed in basement of general museum building (1902). Four graduate students maximum number for which space can be provided.

Equipment, $25,000.

H. C. Tracy, Ph.D. (Brown); Anatomy of Fishes; Behavior and Nervous System of Fishes.

H. B. Latimer, Ph.D. in Medicine (Minnesota); Growth and Quantitative Anatomy.

BACTERIOLOGY

N. P. Sherwood, Ph.D. (Kansas), M.D. (Minnesota), Professor of Bacteriology; Immunology; Anaphylaxis and Hypersensitiveness.

E. L. Treece, Ph.D. (Kansas), Associate Professor; Bacteriology; Bacterial Metabolism.

Cornelia M. Downs, Ph.D. (Kansas), Associate Professor; Bacteriology; Immunology; Precipitins; Anaphylaxis.

BIOCHEMISTRY

Department is housed in the Chemistry Building. Total laboratory equipment valued at $8,000,000.

C. F. Nelson, Ph.D. (Wisconsin), M.D. (Chicago); Oxygen Therapy; Compressed Air as a Therapeutic Agent; Calcium Metabolism; Nature of Osmosis.

PHYSIOLOGY AND PHARMACOLOGY

O. O. Stoland, Ph.D. (Chicago); Internal Secretions, especially Thyroid and Parathyroid.

University of Michigan

PHYSIOLOGICAL CHEMISTRY

The department occupies the second and third floors of the west wing of the West Medical Building. Equipment, $25,000.

H. B. Lewis, Ph.D. (Yale); Intermediary Metabolism; Sulfur Metabolism; Chemistry of the Proteins.

H. C. Eckstein, Ph.D. (Yale); Fat and Lipid Metabolism.

ANATOMY, MICROSCOPIC AND GROSS; EMBRYOLOGY, COMPARATIVE AND HUMAN; NEUROLOGY, COMPARATIVE AND HUMAN

Department of Anatomy has quarters in the Medical Building.

Collection of series of mammalian and human embryos; series of microscopic preparations of the central nervous system of various types of vertebrates, from fishes to mammals; series relating to microscopic anatomy.

G. C. Huber, M.D. (Michigan); Histology; Human and Comparative Embryology; Human and Comparative Neurology; Microscopic Anatomy or Renal Organs of Vertebrates; Mammalian Embryology; Experimental Observations on Regeneration and Degeneration of Peripheral Nerves; Sensory Nerve Endings; Sympathetic Nervous System.

S. T. Guild, Ph.D. (Michigan), Associate Professor; of Anatomy; Auditory Organ.

Elizabeth C. Crosby, Ph.D. (Chicago); Human and Comparative Neurology; The Structure of the Thalamus of Lower Vertebrate Types.

BACTERIOLOGY

Laboratory Building, three floors in north wing of Medical Building (1926), $350,000. Equipment, $75,000. In addition roof provides for stock and experimental animals.

Laboratory provides 5 rooms for 240 beginning students; 2 rooms with 32 tables, for advanced classes; 13 rooms devoted to research work of the staff.

F. G. Novy, M.D. (Michigan); Bacteriology and Protozoology.

P. B. Hadley, Ph.D. (Brown); Bacteriology and Serology (ultra virus).

M. H. Soule, Sc.D. (Michigan); Bacteriology (cell respiration).

H. W. Emerson, M.D. (Michigan); Rabies.

MEDICINE

The East Medical Building, cost $1,000,000, provides quarters for the departments of Anatomy, Bacteriology, and Physiology.

The West Medical Building (1905), cost $175,000, is occupied by the Departments of Pathology, Physiological Chemistry and Public Health.

The University Hospital (1,100 beds) is the teaching hospital of the University of Michigan Medical School. There is also in use the old University Hospital, the State Psychopathic Hospital, a Contagious Hospital, the "South Department" Hospital and the Simpson Memorial Building for medical research.

These buildings, valued at $10,000,000, have room and equipment for research in any field of medicine.

Medical Library, 50,000 volumes; 490 current medical journals in English, French, German, Italian, and Spanish. The collections illustrate practically the complete evolution of modern Pathology, Experimental Physiology and Pharmacology, Bacteriology, Serology, Immunology, Practical Hygiene, Anatomy and Experimental Medicine and Surgery of the last hundred years. In addition there is a large amount of medical material available in other departmental libraries and in the General Library.

H. Cabot, M.D. (Harvard); Surgery.

R. Peterson, M.D. (Harvard); Obstetrics and Gynecology.

F. G. Novy, Sc.D., M.D. (Michigan); Bacteriology.

G. C. Huber, M.D. (Michigan); Anatomy.

A. S. Warthin, Ph.D., M.D. (Michigan); Pathology.

W. R. Parker, M.D. (Michigan); Ophthalmology.

R. B. Canfield, M.D. (Michigan); Otolaryngology.

A. M. Barrett, M.D. (Iowa); Psychiatry.

C. W. Edmunds, M.D. (Michigan); Pharmacology.

U. J. Wile, M.D. (Columbia) (Johns Hopkins); Dermatology.

R. E. McCotter, M.D. (Michigan); Anatomy.

D. M. Cowie, M.D. (Michigan); Pediatrics.

C. D. Camp, M.D. (Pennsylvania); Neurology.

J. Sundwall, Ph.D. (Chicago), M.D. (Johns Hopkins); Public Health.

P. M. Hickey, M.D. (Detroit College of Medicine); Roentgenology.

L. H. Newburgh, M.D. (Harvard); Internal Medicine.

H. B. Lewis, Ph.D. (Yale); Physiological Chemistry.

R. Gesell, M.D. (Washington University); Physiology.

F. N. Wilson, M.D. (Michigan); Internal Medicine.

C. V. Weller, M.D. (Michigan); Pathology.

J. D. Bruce, M.D. (Detroit College of Medicine); Internal Medicine.

S. R. Guild, Ph.D. (Michigan); Histology.

F. A. Coller, M.D. (Harvard); Surgery.

A. C. Furstenberg, M.D. (Michigan); Otology.

G. Slocum, M.D. (Michigan); Ophthalmology.

M. M. Peet, M.D. (Michigan); Surgery.

E. E. Nelson, Ph.D. (Missouri), M.D. (Michigan); Pharmacology.

H. W. Emerson, M.D. (Michigan); Director of Pasteur Institute.

P. B. Hadley, Ph.D. (Harvard); Bacteriology.

C. W. Eberbach, M.D. (Michigan); Surgery.

H. L. Keim, M.D. (Michigan); Dermatology.

C. E. Badgley, M.D. (Michigan); Surgery.

T. Raphael, M.D. (Michigan); Psychiatry.

J. B. Youmans, M.D. (Johns Hopkins); Medicine.

J. Alexander, M.D. (Pennsylvania); Surgery.

P. S. Barker, M.D. (Washington University); Internal Medicine.

J. L. Garvey, M.D. (Michigan); Neurology.

A. R. Christman, Ph.D. (Illinois); Physiological Chemistry.

M. H. Soule, Ph.D. (Michigan); Bacteriology.

E. A. Pohle, M.D. (Berlin); Roentgenology.

MATERIA MEDICA, PHARMACOLOGY, THERAPEUTICS

Pharmacology laboratory (1895).

C. W. Edmund, M.D. (Michigan), Professor.

E. E. Nelson, Ph.D. (Missouri), M.D. (Michigan), Assistant Professor.

A. G. Young, Ph.D. (Wisconsin), Assistant Professor.

SCHOOL OF DENTISTRY

PATHOLOGY, BACTERIOLOGY AND HYGIENE

Departmental Library, 3,900 volumes; 35 current periodicals.

R. W. Bunting, D.D.S. (Michigan), D.D.Sc. (Michigan).

U. G. Rickert, M.A. (Michigan), D.D.S (Michigan).

Faith P. Hadley, M.S. (Michigan); Pathology, Bacteriology and Hygiene.

C. J. Lyons, D.D.S. (Michigan), D.D.Sc. (Michigan); Oral Surgery.

M. L. Ward, D.D.S. (Michigan), D.D.Sc. (Michigan); Metallurgy.

E. O. Scott, M.S. (Michigan); Chemistry and Metallurgy.

PHARMACY

The laboratories of the College of Pharmacy are located in the Chemistry and Pharmacy Building. Special equipment in fields of synthetic drugs and alkaloids, in food and drug analysis, and pharmacognosy.

C. C. Glover, M.S. (Michigan); Pharmacognosy and Pharmaceutical Chemistry (Food and Drug Analysis).

C. H. Stocking, M.S. (Michigan); Manufacturing Pharmacy.

F. F. Blicke, Ph.D. (Michigan); Pharmaceutical Chemistry (Synthetic Drugs and Alkaloids).

PHYSIOLOGY

Physiology Department occupies about one-third of the East Medical Building (1925), cost, $1,000,000. Equipped for general physiological research, and notably for the study of circulation, respiration and electrical phenomena of living tissues.

Departmental library, 700 volumes.

R. Gesell, M.D. (Washington University); Circulation and Respiration; Physiology of Salivary Glands; Electrical Phenomena of Living Tissue.

PATHOLOGY

West Medical Building (1907): laboratories of Pathology, for experimental and teaching work, animal rooms, etc. Individual rooms for research students.

Records of over 100,000 patients and specimens; records and autopsy material from 2,500 autopsies; nearly 12,000 diagnostic cases pass through the laboratory yearly; laboratory in New Hospital.

Medical Library, 50,000 volumes.

"Transactions of the Laboratory," I–XIII (1895–1926).

A. S. Warthin, M.D. and Ph.D. (Michigan).

C. V. Weller, M.D. (Michigan).

UNIVERSITY OF MINNESOTA

Medical Graduate Faculty (including the Mayo Foundation).

ANATOMY

C. M. Jackson, M.S., M.D.

J. B. Johnson, Ph.D. (Michigan).

T. G. Lee, M.D. (Pennsylvania).

R. E. Scammon, Ph.D. (Harvard).

A. T. Rasmussen, Ph.D. (Cornell).

PHYSIOLOGY AND PHYSIOLOGIC CHEMISTRY

E. P. Lyon, Ph.D. (Chicago).

J. F. McClendon, Ph.D. (Pennsylvania).

F. H. Scott, Ph.D. (Toronto), D.Sc. (London).

C. J. V. Pettibone, Ph.D. (Berlin).

Esther Greisheimer, M.D. (Minnesota), Ph.D. (Chicago).

W. W. Swanson, B.A. (Colorado).

E. C. Kendall, Ph.D. (Columbia).

PHARMACOLOGY AND THERAPEUTICS

A. D. Hirschfelder, M.D. (Johns Hopkins).

E. D. Brown, Ph.D., Phm.D. (College of Pharmacy, City of New York), M.D. (Western Reserve).

PATHOLOGY

E. T. Bell, M.D. (Missouri).

B. J. Clawson, Ph.D. (Chicago), M.D. (Rush).

J. S. McCartney, M.D. (Johns Hopkins).

J. F. Noble, M.D. (Minnesota).

L. B. Wilson, M.D. (Minnesota).

H. E. Robertson, M.D. (Pennsylvania).

W. C. MacCarty, M.D. (Johns Hopkins).
F. C. Mann, M.D. (Indiana).
A. H. Sanford, M.D. (Northwestern).
A. C. Broders, M.D. (Minnesota).
T. B. Magath, Ph.D. and M.D. (Illinois).

BACTERIOLOGY AND IMMUNOLOGY

W. P. Larson, M.D. (Union).
A. R. Henrici, M.D. (Pittsburgh).
R. G. Green, M.A. and M.B. (Minnesota).
E. C. Rosenow, M.D. (Rush).
A. H. Sanford, M.D. (Northwestern).

GENERAL MEDICINE

H. Berglund, M.D., Sc.D. (Stockholm).
G. E. Fahr, M.D. (Würzburg).
E. T. Richards, M.D.C.M. (McGill).
J. P. Schneider, M.D. (Minnesota).
H. L. Ulrich.
J. A. Myers, Ph.D. (Cornell), M.D. (Minnesota).
L. G. Rowntree, M.D.
H. S. Plummer, M.D. (Northwestern).
A. H. Sanford, M.D. (Northwestern).
R. M. Wilder, Ph.D. (Chicago), M.D. (Rush).
W. M. Boothby, M.D. (Harvard).
G. B. Eusterman, M.D. (Minnesota).
H. Z. Giffin, M.D. (Johns Hopkins).
N. M. Keith, M.D. (Johns Hopkins).
W. S. Lemon, M.B. (Toronto).
A. H. Logan, M.D. (Pennsylvania).
D. M. Berkman, M.D. (Rush), M.S. (Minnesota).
G. E. Brown, M.D. (Michigan).
F. W. Gaarde, M.D. (Rush).
D. F. Hallenbeck, M.D. (Northwestern).
W. A. Plummer, M.D. (Northwestern).
L. W. Pollock, M.D. (Minnesota).
L. J. Stacy, M.D. (Rush).
F. A. Willius, M.D. (Minnesota).
A. R. Barnes, M.D. (Indiana).
M. B. Bonta, M.D. (Johns Hopkins).
L. A. Buie, M.D. (Maryland).
H. M. Conner, M.D. (Kansas Medical).
C. H. Greene, Ph.D. (Yale), M.D. (Johns Hopkins).
S. G. Haines, M.D. (Harvard).
H. R. Hartman, M.D. (Michigan)
A. H. Long, M.D. (Pennsylvania).
C. S. McVicar, M.B. (Toronto).
M. C. Piper, M.D. (Minnesota).
Irene Sandiford, Ph.D. (Minnesota).
P. P. Vinson, M.D. (Maryland).

DERMATOLOGY

W. H. Goeckerman, M.D. (Marquette).
P. A. O'Leary, M.D. (Long Island Medical School).
H. Michelson, M.D. (Minnesota).
H. G. Irvine, M.D. (Minnesota).
S. E. Sweitzer, M.D. (Minnesota).

NERVOUS AND MENTAL DISEASES

A. S. Hamilton, M.D. (Pennsylvania).
E. M. Hammes, M.D. (Minnesota).
J. C. McKinley, M.D., Ph.D. (Minnesota).
W. D. Sheldon, M.D. (Rush).
H. W. Woltmann, M.D., Ph.D. (Minnesota).
J. B. Doyle, M.D. (Rush).
H. L. Parker, M.B. (Dublin), M.S. (Minnesota).

PEDIATRICS

F. W. Schlutz, M.D. (Maryland).
W. R. Ramsey, M.D. (Minnesota).
F. C. Rodda, M.D. (Michigan).
E. J. Huenekins, M.D. (St. Louis).
M. Seham, M.D. (Minnesota).
R. Taylor, M.D. (Michigan).
N. O. Pearce, M.D. (Minnesota).
H. F. Helmholtz, B.S. (Wisconsin).
S. Amberg, M.D. (Heidelberg).

SURGERY

A. C. Strachauer, M.D. (Minnesota).
J. F. Corbett, M.D. (Minnesota).
E. S. Geist, M.D. (Minnesota).
Wm. Lerche, M.D. (Illinois).
A. T. Mann, M.D. (Harvard).
F. R. Wright, D.D.S., M.D. (Minnesota).
C. C. Chatterton, M.D. (Northwestern).
G. J. Thomas, M.D. (Northwestern).
D. C. Balfour, M.D. (Toronto).
E. S. Judd, M.D. (Minnesota).
F. C. Mann, M.D., A.M. (Indiana).
C. H. Mayo, M.D. (Northwestern).
W. E. Sistrunk, M.D. (Tulane), Ph.D. Alabama Polytechnic Institute).
A. W. Adson, M.D. (Pennsylvania).
V. C. Hunt, M.D. (Rush).

J. C. Masson, M.B. (Toronto).
J. deJ. Pemberton, M.S. (Minnesota).
S. W. Harrington, M.D. (Pennsylvania), M.S. in Surgery (Minnesota).
F. L. Smith, M.D. (Minnesota).
W. Walters, M.D. (Rush).

ORTHOPEDIC SURGERY

M. S. Henderson, M.B. (Toronto).
H. W. Meyerding, M.D. (Minnesota).

UROLOGY

F. R. Wright, D.D.S., M.D. (Minnesota).
G. J. Thomas, M.D. (Northwestern).
W. F. Braasch, M.D. (Minnesota).
J. L. Crenshaw, M.D. (Virginia).
H. C. Bumpus, M.D. (Harvard).
W. H. Von Lackum, M.D. (Iowa).

OBSTETRICS AND GYNECOLOGY

J. C. Litzenberg, M.D. (Minnesota).
F. L. Adair, M.D. (Rush).
J. L. Rothrock, M.D. (Pennsylvania).
L. W. Barry, M.D. (Michigan), Ph.D. (Minnesota).
R. D. Mussey, M.D. (Cincinnati).
L. J. Stacy, M.D. (Rush).

OPTHALMOLOGY AND OTO-LARYNGOLOGY

F. E. Burch, M.D. (Minnesota).
H. Newhart, M.D. (Michigan).
W. L. Benedict, M.D. (Michigan).
A. D. Prangen, M.D. (Michigan).
W. I. Lillie, M.D. (Michigan).
H. P. Wagner, M.D. (South Carolina), M.S. (Minnesota).

OTO-LARYNGOLOGY AND RHINOLOGY

H. I. Lillie, M.D. (Michigan).
G. B. New, D.D.S and M.B. (Toronto).
B. E. Hempstead, M.D. (Michigan).

RADIOLOGY

H. A. Erikson, Ph.D. (Chicago).
R. G. Allison, Ph.D. (Minnesota).
A. B. Moore, M.D. (Virginia).
H. H. Bowing, M.D. (Pennsylvania).
A. Miller, M.D. (Marion Sims College).
C. G. Sutherland, M.D. (Toronto).

PREVENTIVE MEDICINE AND PUBLIC HEALTH

A. J. Chesley, M.D. (Minnesota).
H. S. Diehl, M.D. and M.A. (Minnesota).
Orianna McDaniel, M.D. (Michigan).
J. A. Myers, Ph.D. (Cornell).
E. M. Wade, M.A. (Toronto).
H. A. Whittaker, B.A. (Wisconsin).

University of Missouri

ANATOMY

General Library, 235,000 volumes including Medical Library, 10,000 volumes; 138 current medical journals.

Laboratory facilities: Medical Building (McAlester Hall), (1900); value, $150,000. Anatomy equipment, $30,000.

"University of Missouri Studies."

E. Allen, Ph.D. (Brown); Anatomy and Physiology of Reproduction.

H. H. Charlton, Ph.D. (Yale); Neurology.

PATHOLOGY

Pathology equipment, $15,000.

M. P. Neal, M.D. (Medical College of Virginia); Tuberculosis; Tumors; Circulatory Disturbances.

PHYSIOLOGY AND PHARMACOLOGY
BIOCHEMISTRY

Physiology equipment, $7,000.

C. W. Greene, Ph.D. (Johns Hopkins); Heart and Circulation; Anoxemia and Anesthesia.

A. Gulick, Ph.D. (Würzburg); Comparative Metabolism; Energy Metabolism of Infant Animals.

M. M. Ellis, Ph.D. (Indiana); Physiology of Sugar as Effecting Transparent Tissue, particularly of the Eye.

PREVENTIVE MEDICINE AND BACTERIOLOGY

Bacteriology equipment, $15,000.

M. P. Ravenel, M.D. (South Carolina); Public Health; Prolongation of Life.

M. P. Moon, Ph.D. (Cornell); Bacteriology.

University of Nebraska

BACTERIOLOGY AND PATHOLOGY

Bessey Hall (1917), present worth, $250,000. Equipment, $12,000.

Departmental library, 10,000 volumes; 500 bearing directly on Bacteriology. 2,500

volumes are accessible in other libraries of the university.

H. H. Waite, M.D. (Michigan).

MEDICINE

North Laboratory Building (1915), cost $110,000; Departments of Anatomy, Pathology and Bacteriology, and Experimental Medicine.

South Laboratory Building (1920), cost $180,000; Departments of Physiology and Pharmacology, and Biochemistry.

Medical Library, 33,500 volumes; 710 sets of periodicals and serials; 260 current scientific periodicals.

"University Studies."

A. E. Guenther, Ph.D. (Johns Hopkins); Professor of Physiology and Pharmacology; Physiology of Muscle and General Physiology.

C. W. M. Poynter, M.D. (Nebraska), Professor of Anatomy; Anomalies; Anthropology.

S. Morgulis, Ph.D. (Harvard), Professor of Biochemistry; Metabolism and Nutrition.

J. T. Myers, Ph.D. (Chicago), Associate Professor of Bacteriology; Hard Water.

W. A. Willard, Ph.D. (Harvard), Professor of Anatomy; Neurology.

J. S. Latta, Ph.D. (Cornell), Associate Professor of Anatomy; Lymphatic Tissue.

H. E. Eggers, M.A. (Wisconsin), M.D. (Rush), Professor of Pathology and Bacteriology; Cancer.

A. J. Miller, M.D. (Iowa), Associate Professor of Clinical Pathology.

A. D. Dunn, M.D. (Rush), Professor of Experimental Medicine; Spectrophotometry; Blood Chemistry.

O. M. Cope, M.D. (Michigan), Associate Professor of Physiology and Pharmacology.

University of Pennsylvania

"Studies of the John Herr Musser Department of Research Medicine," I–V (1910–1926). "Collected Reprints of the Department of Physiology," I (1922–1926).

A. C. Abbott, M.D. (Maryland), Professor; Hygiene and Bacteriology.

M. H. Jacobs, Ph.D. (Pennsylvania), Professor; General Physiology.

W. H. F. Addison, M.D. (Toronto), Professor; Comparative Neurology.

J. H. Austin, M.D. (Pennsylvania), Professor; Physical Chemistry of Blood and Body Fluids.

H. C. Bazett, A.M. (Oxford), B.Ch. (Oxford), D.M. (Oxford), F.R.C.S. (England), Professor; Mammalian Physiology, particularly the Circulation and Temperature Control.

J. C. Heisler, M.D., Professor; Anatomy.

A. N. Richards, Ph.D., Professor; Pharmacology.

D. W. Wilson, M.S., Ph.D., Professor; Physiological Chemistry.

W. C. Stadie, M.D., Associate Professor; Research Medicine.

W. R. Amberson, Ph.D. (Princeton), Assistant Professor; General Physiology.

S. Goldschmidt, Ph.D., Assistant Professor; Physiology.

S. Mudd, M.D., Assistant Professor; Experimental Pathology.

G. E. Simpson, Ph.D., Assistant Professor; Physiological Chemistry.

J. C. Andrews, Ph.D. (Columbia), Instructor; Physical Chemistry of Proteins and Amino Acids.

G. P. McCouch, M.D. (Pennsylvania), Instructor; Neuro Physiology.

University of Wisconsin

PHARMACEUTICAL CHEMISTRY

The Department of Pharmaceutical Chemistry occupies a portion of the third and fourth floors of the Chemistry Building.

The Wisconsin Pharmaceutical Experiment Station offers opportunities for graduate study.

Specially equipped laboratories in plant chemistry, pharmaceutical manufacturing, dispensing, comminution and distillation.

The special collections in plant chemistry and pharmacognosy contain about 7,000 entries.

E. Kremers, Ph.D. (Göttingen); Chemistry of Volatile Oils and Their Constituents; Sesqui-terpenes and Derivatives; Plant Pigments.

W. O. Richtman, Ph.D. (Wisconsin); Practical Pharmacy and Pharmacognosy.

PHARMACOLOGY AND TOXICOLOGY

The department has established close affiliation with the Chemical Departments at the University of Wisconsin, at Northwestern University and with all departments of the Medical School, clinical and preclinical.

Departmental library 1,500 books; 3,000 pamphlets. The medical and chemical libraries of the University include 80,000 volumes.

The department housed in Science Hall (1880) is equipped for general pharmacological studies, but especially for research upon trypanosomiasis and syphilis. Special equipment is also available for studies of the physiology and pharmacology of the blood. New building (1927).

A. S. Loevenhart, M.D. (Johns Hopkins); Biological Oxidation; Chemotherapy; Syphilis and Trypanosomiasis; Local Anesthesia.

C. D. Leake, Ph.D. (Wisconsin); Diseases of the Blood; General Anesthesia; History of Medicine.

C. W. Muehlberger, Ph.D. (Wisconsin); Toxicity of Aniline Compounds; Toxicity of Selenium and Tellurium; Absorption of Drugs through the Skin.

PHARMACY

Allied Departments: Cooperative garden experiments with Department of Genetics. In connection with other garden problems, cooperation of Departments of Soils, Horticulture, Entomology, etc., of the College of Agriculture. Cooperation of Departments of Pharmacology, Physiological Chemistry and Bacteriology of the School of Medicine. Physical Chemistry and other departments of general and applied (Agricultural and Forest Products) Chemistry.

The Pharmacy Section of the General Library has complete or nearly complete series of all scientific pharmaceutical journals, many trade journals, of most countries.

E. Kremers, Ph.D. (Göttingen), Professor; Pharmaceutical Chemistry, Director of the Wisconsin Pharmaceutical Experiment Station; Plant Chemistry.

W. O. Richtmann, Ph.D. (Wisconsin), Associate Professor of Pharmacognosy and Superintendent of the Pharmaceutical Garden.

PHYSIOLOGICAL CHEMISTRY

A new building for the medical sciences is to be constructed in 1927 at cost of $600,000.

H. C. Bradley, Ph.D. (Yale); Problems of Autolysis, Atrophy and Necrosis; The Influence of Hydrogenion Concentration; The Influence of Tissue Proteins; Enzyme Studies.

E. L. Sevringhaus, Ph.D. (Wisconsin); The Action of Insulin; The Acetone Bodies. Problems of Metabolism.

PHYTOCHEMISTRY

E. Kremers, Ph.D. (Göttingen), Professor; Pharmaceutical Chemistry; Director of the Wisconsin Pharmaceutical Experiment Station; Plant Chemistry.

Washington University

ANATOMY

Collection of human skeletons of known race, age and sex (350); collections of dissecting laboratory records; apparatus for anthropometry. American negro material. Value of equipment, $23,500.

R. J. Terry, M.D. (Washington); Human Anatomy; Physical Anthropology; Variation, Symmetry, American Negro.

Mildred Trotter, Ph.D. (Washington); Human Anatomy; Physical Anthropology.

BACTERIOLOGY AND PUBLIC HEALTH

Library, 36,397 volumes, receives 461 medical periodicals. Including obsolete journals, there are 670 complete files.

Special collections: Beaumont manuscripts; Julius Pajel Library of Medical History (2,500 volumes).

A. I. Kendall, Ph.D. (Johns Hopkins), D.P.H. (Harvard).

K. Burdon, Ph.D. (Brown).

Margaret Uffon, Ph.D. (Yale).

P. Varuer, M.S. (Washington University).

M. Ishikawa, M.D. (Tokio Charity Medical College).

BIOLOGICAL CHEMISTRY

Department occupies one and one-half floors of the South Building of the Medical School (1914). Equipment in field of Biochemistry, including certain applications of

Physical and Organic Chemistry, and facilities for animal experimentation.

P. A. Shaffer, Ph.D. (Harvard), Professor; Intermediary Metabolism; Ketosis.

E. S. West, Ph.D. (Chicago), Assistant Professor; Organic Chemistry.

T. E. Friedemann, Ph.D. (Washington University), Instructor.

Ethel Ronzoni, Ph.D. (Wisconsin), Instructor.

H. A. Davenport, M.D. (Washington), Assistant.

HISTOLOGY AND NEUROANATOMY

Department of Histology and Neuroanatomy occupies third floor of the North Laboratory Building of the Medical School (1914).

Equipment, $21,600.

S. W. Ranson, M.D. (Rush); Ph.D. (Chicago); Neurology.

PATHOLOGY

Building for Dispensary, Medical, Pathological and Bacteriological Laboratories (1914).

Equipment, $25,000.

"Bulletin of Washington University School of Medicine," I–XX. Series 3.

Courses in this department are designed primarily for medical students, but the laboratory is open for research to graduate students who may approach the field of Pathology either from biological or medical aspects.

L. Loeb, M.D. (Zurich).

F. A. McJunkin, M.D. (Michigan).

PEDIATRICS

University Pavilion, St. Louis Children's Hospital.

Laboratory floor (1923) cost $75,000. Equipment, $10,000.

Library, 600 volumes.

"Studies from the Department of Pediatrics," Washington University School of Medicine and the St. Louis Children's Hospital, I–VI (1917–1926).

M. Marriott, M.D. (Cornell); Medical Research in Field of Children's Diseases and Nutrition; Biological Chemistry.

J. V. Cooke, M.D. (Johns Hopkins); Medical Research in Field of Children's Diseases and Nutrition; Bacteriology and Serology.

A. F. Hartman, M.D. (Washington University); Medical Research in Field of Children's Diseases and Nutrition; Biological Chemistry.

H. L. White, M.D. (Washington University); Medical Research in Field of Children's Diseases and Nutrition; Physiology and Biochemistry.

H. McCulloch, M.D. (Johns Hopkins); Medical Research in Field of Children's Diseases and Nutrition; Diseases of the Heart; Electrocardiography.

PHARMACOLOGY

The Laboratories in South Laboratory Building of the Washington University, School of Medicine (1910). Equipped for general pharmacological research. Equipment, $15,000.

Special equipment: Apparatus for amplification of nerve action potentials and recording with a cathode ray oscillograph.

H. S. Gasser, M.D. (Johns Hopkins); Pharmacology and Physiology of Muscle.

C. M. Gruber, Ph.D. (Harvard), M.D. (Washington University); Physiology and Pharmacology of Smooth Muscle.

PHYSIOLOGY

The physiological department occupies two floors in South Building of Medical group (1914). Present worth, $600,000. For actuarial purposes the value given the laboratory equipment is $22,645.35.

Laboratory especially equipped for work in electrophysiology and for investigation of circulatory and respiratory systems.

Medical library, 39,318 volumes. Physiology, 1,000. Periodicals, 687. Physiological periodicals, 47.

J. Erlanger, M.D. (Johns Hopkins); Physiology of Circulation and Nerve.

G. H. Bishop, Ph.D. (Wisconsin); Nerve Physiology.

H. L. White, M.D. (Washington University); Kidney Function; Circulation.

A. S. Gilson, Jr., Ph.D. (Harvard); Cardiac Physiology.

SURGERY

Research in the Department of Surgery is conducted in the various hospitals connected with the Washington University School of Medicine and also in the laboratories belonging to the Department of Surgery which are in one of the medical school buildings. Barnes Hospital, St. Louis Children's Hospital, St. Louis Maternity Hospital and the Shriner's Hospital for Crippled Children (total value estimated at $3,000,000). Equipment, including X-ray equipment, estimated at $75,000. Special equipment for animal experimentation, X-ray study and clinical study of surgical diseases of the chest.

E. A. Graham, M.D. (Rush), Professor; General Surgery; Thorax and Biliary Tract.

E. Sachs, M.D. (Johns Hopkins), Professor; Neurological Surgery.

H. S. Crossen, M.D. (St. Louis Medical College), Professor; Gynecology.

L. C. Abbott, M.D. (California), Professor; Orthopedic Surgery.

V. P. Blair, M.D. (St. Louis Medical College), Associate Professor; Oral and Plastic Surgery.

J. R. Caulk M.D. (Johns Hopkins), Associate Professor; Genito-urinary Surgery.

F. J. Taussig, M.D. (St. Louis Medical College), Associate Professor; Gynecology.

M. T. Burrows, M.D. (Johns Hopkins), Associate Professor; Experimental Surgery.

G. Sluder, M.D. (St. Louis Medical College), Professor; Oto-laryngology.

W. E. Shahan, M.D. (Washington University), Professor; Ophthalmology.

Yale University

BACTERIOLOGY, PATHOLOGY AND PUBLIC HEALTH

The Departments of Bacteriology and Pathology in the Brady Memorial Laboratory (1918), cost $167,750. Equipment, $79,000. Department of Public Health has quarters in Sterling Hall of Medicine (1923), $1,200,000. Equipment, $6,800.

Departmental library, 1,600; 65 periodicals (scientific journals, etc.).

Medical Library, 18,766 books and pamphlets (84 serials).

The University Library has 35,000 volumes, and about 35,000 theses and reprints.

L. F. Rettger, Ph.D. (Yale), Professor of Bacteriology; Bacterial Metabolism; Intestinal Flora and Influence of Diet; Infectious Abortion of Cattle; Bacillary White Diarrhea of Chicks.

C. E. A. Winslow, Ph.D. (New York), Anna M. R. Lauder Professor of Public Health; Public Health.

M. C. Winternitz, M.D. (Johns Hopkins), Dean of the School of Medicine; Anthony N. Brady Professor of Pathology; Pathology.

Annie W. Goodrich, R.N., Dean of the School of Nursing; Nursing Administration and Organization.

R. G. Hussey, M.D. (Maryland), Associate Professor of Pathology; Radiation Effects in Physiology.

G. H. Smith, Ph.D. (Brown), Professor of Immunology; Bacteriology and Immunology.

I. V. Hiscock, M.A. (Wesleyan), C.P.H. (Yale), Assistant Professor of Public Health; Public Health.

A. Gesell, Ph.D. (Clark), M.D. (Yale), Professor of Child Hygiene; Developmental Research and Clinical Child Psychology.

Y. Henderson, Ph.D. (Yale), Professor of Applied Physiology; Physiology of the Circulation; Biochemistry of Respiration; Pharmacology of Gases.

L. B. Mendel, Ph.D. (Yale), Sterling Professor of Physiological Chemistry, Protein Metabolism; Vitamins and Accessory Food Factors; Nutrition.

J. C. Greenway, M.D. (Columbia), Director of the Department of University Health Lecturer on Public Health; Public Health.

R. H. Suttie, C.E. (Yale), Assistant Professor of Civil Engineering; Sanitary and Hydraulic Engineering.

CLINICAL MEDICINE

The laboratory facilities are in the barracks in Surgery; six rooms on the second

floor of Brady Memorial Laboratory (1918), cost $167,750; the laboratory of Medicine and Pediatrics.

There are about 35,000 volumes in the University Library related to the Department of Medicine, and about 35,000 theses and reprints.

F. G. Blake, M.D. (Harvard), John Slade Ely Professor of Medicine; Medicine.

S. C. Harvey, M.D. (Yale), Professor of Surgery on the William H. Carmalt Foundation; Experimental Surgery.

A. H. Morse, M.D. (Johns Hopkins), Professor of Obstetrics and Gynecology; Physiology of Reproduction.

E. A. Park, M.D. (Columbia), Sterling Professor of Pediatrics.

C. L. Deming, M.D. (Yale), Associate Clinical Professor of Surgery; Urology.

J. P. Peters, M.D. (Columbia), Associate Professor of Medicine; Medicine.

G. F. Powers, M.D. (Johns Hopkins), Associate Professor of Pediatrics; Pediatrics.

A. T. Shohl, M.A. (Harvard), Associate Professor of Pediatrics; Pediatrics.

A. B. Dayton, M.D. (Johns Hopkins), Assistant Dean of the School of Medicine and Assistant Professor of Medicine; Medicine.

Ethel C. Dunham, M.D. (Johns Hopkins), Assistant Professor of Pediatrics; Pediatrics.

J. C. Fox, Jr., M.D. (Johns Hopkins), Assistant Professor of Medicine; Medicine.

H. M. Marvin, M.D. (Harvard), Assistant Professor of Medicine; Medicine.

T. S. Moise, M.D. (Johns Hopkins), Assistant Professor of Surgery; Surgery.

W. M. Phelps, M.D. (Johns Hopkins); Assistant Professor of Orthopedics; Orthopedic Surgeon in the Department of University Health; Orthopedics.

E. L. Stone, M.D. (Johns Hopkins); Assistant Professor of Obstetrics and Gynecology; Obstetrics and Gynecology.

J. D. Trask, Jr., M.D. (Cornell), Assistant Professor of Medicine; Medicine.

PHARMACOLOGY AND TOXICOLOGY

This department occupies two floors of the wing of the Sterling Hall of Medicine (1923); cost, $1,200,000. Equipment, $15,000.

F. P. Underhill, Ph.D. (Yale), Professor of Pharmacology and Toxicology; Physiology of Amino Acids; Proteoses and Lethal War Gases; the Pancreas and Diabetes; Absorption from the Liver; Carbohydrate Metabolism; Intermediary Metabolism with Reference to Thyroids and Parathyroids.

E. G. Gross, Ph.D. (Wisconsin), Assistant Professor of Pharmacology; Pharmacology and Toxicology; Endocrine Metabolism; Toxicology of Protein Derivatives; Mineral Metabolism.

C. S. Leonard, Ph.D. (Wisconsin), Assistant Professor of Pharmacology and Toxicology; Biochemical Methods; Chemotherapy; Pharmacology of Heavy Metals; Nephrotoxicity.

PHYSIOLOGY AND PHYSIOLOGICAL CHEMISTRY

The Department of Physiology and Physiological Chemistry occupies one-fourth of the Sterling Hall of Medicine. Equipment, $40,000.

Laboratory of Applied Physiology. Equipment, $2,000. Research only.

The University Library contains a collection of 34,000 volumes on the Biological Sciences, and one of 35,000 volumes on Medicine, not including a collection of 35,000 theses and reprints on this subject. The Sterling Hall of Medicine Library also available to students of this field, contains 17,950 volumes (including 1,150 reprints) and a collection of 740 volumes on Nursing. The Departmental library contains about 1,000 books and several thousand reprints on Physiological Chemistry.

The "Collected Papers" from the Laboratory of Physiological Chemistry are reprints privately circulated; I–XII (1885–1926).

Y. Henderson, Ph.D. (Yale), Professor of Applied Physiology; Physiology of the Circulation; Biochemistry of Respiration; Pharmacology of Gases.

L. B. Mendel, Ph.D. (Yale), Sterling Professor of Physiological Chemistry; Protein Metabolism; Vitamins and Accessory Food

Factors; Nutrition. Editor, "Journal of Biological Chemistry."

T. A. Osborne, Ph.D. (Yale), Research Associate in Biochemistry; Chemistry of the Vegetable Proteins and Related Subjects.

G. R. Cowgill, Ph.D. (Yale), Assistant Professor of Physiological Chemistry.

H. W. Haggard, M.D. (Yale), Assistant Professor of Applied Physiology; Applied Physiology; Physiology of Respiration and Circulation.

A. H. Smith, Ph.D. (Yale), Assistant Professor of Physiological Chemistry; Physiological Chemistry; Metabolism.

PART II

ADELPHI COLLEGE OF BROOKLYN

ST. JAMES AND CLIFTON PLACES, BROOKLYN, NEW YORK

College for women; privately controlled; undenominational.

Incorporated by the Regents of the University of the State of New York, June 24, 1896; its degrees were given by the university upon the recommendation of the college authorities. On November 20, 1913, charter amended so as to empower it to give degrees in its own name. By this action it became eligible to receive holders of State scholarships. By vote of trustees in June, 1912, only women admitted as candidates for degrees. This restriction, however, at that time did not apply to extension courses and summer session. By vote of trustees in June, 1917, only women admitted to any courses of the institution as candidates for degrees.

Self-perpetuating board of not more than 22 trustees.

Endowment, $702,385.30. Income from endowment, $27,107.74. Income from other sources, $125,989.14. Total annual expenditures year ending June 30, 1926, $136,-300.50. Notable financial items for the year: Helen Hirsch Bernstein Memorial Scholarship, $3,500; Rose Brenner Memorial Scholarship, $5,000; receipts from campaign, $50,526.34; gift of General Education Board, $148,840.66.

Grounds and buildings: Total value of grounds (4 acres), $1,250,000. Total value of grounds, buildings, and equipment, $1,294,966.37.

Library: 18,513 volumes; 40 current periodicals.

Laboratories: Value of equipment in principal departments, $30,878.32.

Observatory.

Health program: None. Students under home supervision.

Admission requirements: 15 units, including English 3, Mathematics 3, History 1, and either 3 units in Latin and 2 in another foreign language, or, 3 each in 2 Modern Languages. Conditions sometimes allowed. Must be removed before entrance upon Sophomore year.

Degree requirements: For A.B., 120 points of credit, including English, 6; foreign language (in advance of 3 years' high school credit in the language), 6; History, 6; Laboratory science, 6; 3 in Philosophy; Psychology, 3. Major, 30 points beyond required work of freshman year, at least 18 of which must be in one department. Reading knowledge of French, German, Italian or Spanish required.

Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 0, 0, 1. Economics: 1, 0, 1, 0. Education: 2, 0, 0, 0. English: 2, 0, 2, 1. French: 1, 0, 0, 3. Geology: 1, 0, 0, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. Latin: 1, 0, 0, 0. History: 1, 0, 2, 0. Italian: 0, 0, 0, 1. Mathematics: 1, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Psychology: 1, 0, 1, 0. Sociology: 1, 0, 0, 0. Spanish: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 521.

Degrees conferred year ending June 30, 1926, 107: A.B., 98; B.S. in Ed., 9. Total number of degrees conferred since foundation, 1,555: A.B., 1,387; B.S. in Ed., 133; A.M., 35.

Fees: Tuition, $300 a year. Laboratory fees, $15 a course. Graduation fee, $5. Library fee, $1 a year.

Scholarships: 14.

Dates of beginning and ending sessions: First semester, Wednesday nearest September 12. Commencement, Thursday nearest June 12.

Summer Session: July 5 to August 17, 1928. Attendance 1926, 104.

Catalog in March.

Administrative officers: President, Frank Dickinson Blodgett; Dean, Anna Elizabeth Harvey; Registrar, Bertha Sheridan Jones.

AGNES SCOTT COLLEGE

DECATUR, GEORGIA

College for women. Affiliated with Presbyterian Church.

Chartered 1889 as Decatur Female Seminary, offering elementary school instruction. Name changed to Agnes Scott Institute in 1890 in honor of mother of Col. George W. Scott, a benefactor. In 1906, name changed to Agnes Scott College; degrees first conferred.

Self-perpetuating board of 27 trustees, of whom 11 are elected subject to approval of various synods of Presbyterian Church.

Endowment: $1,031,000. Budget: $400,000.

Campus of 30 acres in city of Decatur, less than a mile from city limits of Atlanta. 35 buildings, including residences with capacity of 350 students. Present worth of buildings, grounds, and equipment, $2,500,000.

Carnegie Library (1909).

Lowry Science Hall contains Biology, Chemistry, Physics, Psychology Laboratories.

Health program: $200,000 gymnasium and swimming-pool. Full-time college physician (woman) with two trained nurses in charge of infirmary. Free clinic. Free hospital attention for boarding students. Medical examination of all Freshmen on admission.

Admission competitive. No new student accepted prior to June 15 before a given session. In selecting students, the college considers: (1) Excellence of scholastic training as shown by examinations or high school certificates; (2) natural ability as indicated by a psychological test; (3) promise of leadership as shown by activities of applicants and by letters regarding them; (4) likelihood of ability to fit in with the college ideals and program as tested by personal letters from applicants to president of college; and (5) good health as indicated by medical history of applicants and by examinations made by approved physicians.

Sixteen units required for admission, including English, 4; Algebra, 2; Plane Geometry, 1; Latin, at least 3 (4 units if 2 of a Modern Language are not offered), and History, 1. No conditions allowed; no vocational units permitted in the elective group.

Only B.A. degree offered. Not less than 120 semester hours required. Four years of Physical Education and course in Hygiene required. At least half of the work taken must be of "merit" quality. Nearly half of degree requirement is prescribed by groups. A major of at least 24 semester hours, and a minor of not less than 18 semester hours required.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Astronomy: 1, 0, 0, 0. Department of English Bible: 1, 0, 0, 0. Biology: 1, 1, 0, 2. Chemistry: 1, 0, 1, 1. Economics and Sociology: 1, 0, 0, 1. English: 2, 2, 0, 4. German: 0, 1, 0, 0. Greek: 1, 1, 1, 0. History: 1, 1, 0, 1. Latin: 1, 1, 1, 2. Mathematics: 1, 0, 1, 1. Music: 1, 0, 0, 3. Philosophy and Education: 1, 1, 0, 1. Physical Education: 0, 1, 0, 3. Physics: 1, 0, 0, 1. Romance Languages: 1, 2, 1, 2.

Enrolment 1925–26: 550 students. Total number of matriculates since founding: 11,259.

Degrees: 1926, B.A., 80. Since 1906, B.A., 717.

Fees: Annual tuition, $300. Board, room, laundry, and medical attention, $400. No special fees except for Music, Art, Spoken English and Laboratory courses.

Income from endowment affords 30 scholarships annually.

Research fund: Quenelle Harrold Fellowship of $10,000 has been established to stimulate graduate study by Agnes Scott graduates. Income is awarded annually to a member of the Senior class.

Employment Bureau: 90 per cent of graduates accept positions on graduation, and about one-third of the undergraduates either do some work to help themselves, or secure loans or other forms of aid.

Dates of beginning and ending session: September 14, 1927; May 29, 1928.

Publications: "Agnes Scott College Bulletin" includes Catalog in January.

Achievements of year 1925–26: Nearly $100,000 added to endowment. Comple

tion of $200,000 gymnasium. Sharp reduction in number of automatic exclusions for poor scholarship, largely due to operation of competitive admission requirements.

Administrative officers: President, James Ross McCain; Dean, Nannette Hopkins; Registrar, Samuel Guerry Stukes.

AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS

COLLEGE STATION, TEXAS

Land-Grant College, for men.

Founded under terms of the Morrill Act of July 2, 1862, provisions of which were accepted by the Legislature of Texas, Nov. 1, 1866. On April 17, 1871, the Legislature provided for the establishment of the Agricultural and Mechanical College of Texas. College formally opened October 4, 1876.

Board of 9 Directors appointed by the Governor of State, with advice and consent of Senate.

Schools of Agriculture, Engineering, Veterinary Medicine, Vocational Teaching, Arts and Sciences, Graduate School, and Summer Session. Agricultural Experiment Station, and Engineering Experiment Station. Extension Service.

Endowment, $209,000. Annual income from endowment, $10,450. Annual income from all other sources for year ending August 31, 1926, $3,065,000. Expenditures for year ending August 31, 1926, $3,115,000. Budget 1926–27, $3,250,000.

Grounds and Buildings: College: Campus, 235 acres; farms and grazing land (adjoining campus), 2,607 acres; total, 2,842 acres; value, $190,000. Experiment stations: 5,812 acres; value, $285,642. Forestry Service: 3,333 acres; value, $20,000. Total, 11,987 acres; value, $495,642. 13 residence halls and 114 bungalows for men; total capacity, 2,000; value, $533,750. 35 buildings for instruction and various other buildings; value, $2,839,000. Agricultural Experiment Station, consisting of main station at College Station and 15 substations in various parts of the State; buildings worth $315,465. Total value of all buildings, $3,688,215. Total value of grounds, buildings, and equipment, $5,765,250.

Library: 18,558 volumes, including 6,050 government documents; 225 current periodicals.

Laboratories: Value of laboratory equipment, $351,235.

Museums: Two palæontologic collections: (1) fossil vertebrates collected by Dr. Mark Francis, several hundred exhibits, especially remains of Mastodon, Mammoth, Camel, and Horse. (2) 1,800 fossil invertebrates and plants, largely Eocene, collected by Dr. O. M. Ball. Both collections have added many new species to palæontological literature.

Health program: Physical examination at opening of session. Gymnasium (1924) cost $140,000. Athletic fields.

Departments and Staff: Agricultural Economics: *Head of Department*, 1; *Professors*, 2; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 5. Agricultural Education: 1, 2, 1, 0, 0. Agricultural Engineering: 1, 0, 2, 1, 1. Agronomy: 1, 1, 2, 0, 1. Animal Husbandry: 1, 1, 2, 2, 0. Architecture: 1, 2, 1, 0, 1. Biology: 1, 0, 2, 2, 2. Chemistry: 1, 3, 2, 2, 8. Civil Engineering: 1, 2, 1, 1, 3. Dairy Husbandry: 1, 2, 0, 0, 0. Drawing: 1, 0, 0, 1, 3. Economics: 1, 1, 0, 2, 0. Electrical Engineering: 1, 1, 2, 3, 2. English: 1, 2, 3, 3, 5. Entomology: 1, 0, 1, 1, 0. Forestry: 1, 0, 0, 0, 0. Genetics: 1, 0, 1, 0, 0. Geology: 1, 0, 1, 1, 1. History: 1, 0, 1, 0, 0. Horticulture: 1, 1, 2, 0, 1. Industrial Education: 1, 0, 0, 0, 0. Mathematics: 1, 3, 2, 4, 4. Mechanical Engineering: 1, 1, 3, 1, 7. Military Science and Tactics: 1, 5, 0, 7, 0. Modern Languages: 1, 0, 0, 1, 1. Municipal and Sanitary Engineering: 1, 0, 0, 0, 0. Physical Education: 1, 1, 3, 0, 1. Physics: 1, 0, 0, 2, 3. Poultry Husbandry: 1, 0, 0, 1, 0. Rural Education: 1, 1, 1, 0, 0. Textile Engineering: 1, 0, 2, 0, 1. Veterinary Anatomy: 1, 0, 0, 0, 0. Veterinary Medicine: 1, 0, 2, 0, 0. Veterinary Pathology: 0, 0, 1, 0, 0. Veterinary Physiology and Pharmacology: 0, 0, 1, 0, 0. Totals: 33, 31, 40, 37, 50.

Admission requirements: 15 units, including English 3; Algebra 2; Plane Geometry 1. No conditions allowed.

Degree requirements: For all technical courses, 160 semester hours, including Mili-

tary Science; for courses in Liberal Arts and Education, 148 semester hours, including Military Science. Quality requirement: from 74 to 80 grade points. All technical courses are prescribed with exception of a limited amount of elective work in the junior and senior years.

General requirements: Physical Training required during freshman year. Military Science required in first two years. Religious convocation every Sunday at 11 o'clock. All students required to live in the college dormitories.

Enrolment: For session ending June 30, 1926, 2,236: School of Agriculture, 594; School of Arts and Sciences, 173; School of Engineering, 1,270; School of Veterinary Medicine, 13; School of Vocational Education, 139; Graduate School, 47. Total number of matriculates since foundation, 32,000.

Degrees conferred during year ending June 30, 1926, 317. Total number of degrees conferred since foundation, 3,171. Number of each kind of degree conferred: Advanced degrees, 110; Doctor of Veterinary Medicine, 27; Bachelor of Science, 3,034.

Fees: Matriculation fee, $5. Graduation fee, $7.50. Average laboratory fee, $10 a year; other fees, $22 a year. Cost of board, room, and laundry, $250 a year. Summer school fees: Board and room (12 weeks), $96; other fees, $17.50.

Scholarships and Fellowships: Six Graduate Fellowships ($600 each) and two Graduate Scholarships ($200 each).

Department of Industrial Education offers extension courses in various centers.

Research: Agricultural Experiment Station uses 7,595 acres of land for research. Total value of lands, buildings, and equipment: $874,763. Total expenditures for year ending August 31, 1926: $459,000. Engineering Experiment Station expends $2,000 a year for research.

Dates of beginning and ending of session: Session begins on the third Wednesday in September, continuing thirty-seven weeks.

Summer session begins on Monday following Commencement and continues twelve weeks. Two terms of six weeks each. 28 departments offered instruction. Attendance, 1925: 613.

Publications: Annual Catalog in April; President's Annual Report in June. Extension Service, Experiment Station and Engineering Experiment Station publish bulletins during the year.

Administrative officers: President, T. O. Walton; Dean of the College and Dean of the Graduate School, Charles Puryear; Dean of the School of Agriculture, E. J. Kyle; Dean of the School of Veterinary Medicine, M. Francis; Dean of the School of Engineering, F. C. Bolton; Dean of the School of Vocational Teaching, C. H. Winkler; Dean of the School of Arts and Sciences and Registrar, Charles Friley. Officer in charge of foreign students, Thomas F. Mayo.

AKRON, MUNICIPAL UNIVERSITY OF

See: Municipal University of Akron.

ALABAMA COLLEGE

MONTEVALLO, ALABAMA

State College for women.

Alabama Girls Industrial School established by Act of Alabama Legislature, 1893; first session, 1896. Name changed to Alabama Girls' Technical Institute, 1911; and in 1919 changed again to Alabama Technical Institute and College for Women. Name changed to Alabama College, 1923.

Board of fourteen members, twelve of whom are appointed for term of 12 years by Governor with consent of Senate. One member from each congressional district; two members from State at large.

College established for purpose of giving instruction in Liberal Arts and Science and technical subjects suited to training of young women. Schools of Music and Education.

Endowment, $582,116.10. Income from endowment, $34,926.96. State appropriation, $64,000. Tuition and fees, $46,500. Total expenditure for year, $145,426.96. Budget for 1926–27, $149,170.

Campus of 96 acres and adjacent farm of 200 acres. Three residence halls (675). Total present worth of buildings, $704,500.

Total value of grounds, buildings, and equipment, $1,038,800.

Library (1922): Volumes, 10,457; periodicals, 109. Special collection of works of Alabama authors.

Laboratories building (1915–16) valued at $125,000. Value of equipment: Chemistry, $4,000; Home Economics, $11,000; Physics, $1,500; Biology, $6,500.

Health program: One full-time woman physician and a nurse. Health examinations given. Infirmary, 36 beds. Gymnasium, athletic field, swimming-pool.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1.

Degree requirements: For bachelor's degree: 192 quarter hours and 12 quarter hours in Physical Education. The passing grade is "D," but a student must make an average of "C" for graduation. All students must complete 36 quarter hours in a major course, and 27 quarter hours in a related minor. Two years of English required.

Chapel attendance required three times a week.

Departments and Staff: English: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 2. Education: 1, 1, 1, 1. (All members of training-school staff excluded.) Modern languages: 1, 0, 0, 1. History: 1, 0, 0, 2. Home Economics: 1, 1, 6, 1. Mathematics: 1, 0, 0, 0. Science: 2, 2, 0, 1. Art: 1, 1, 1, 0. Sociology and Psychology: 2, 0, 2, 0. Physical Education: 1, 0, 1, 1. Bible and Secretarial Work: 0, 2, 0, 0. School of Music: 1, 3, 4, 2.

Total enrolment for year ending June 30, 1926, 686.

Degrees conferred year ending June 30, 1926, 77. Degrees conferred since foundation, 182. (Institution a junior college until 1922.) Number of each kind of degree conferred: B.A., 81; B.S., 84; B. Mus., 17.

Fees: Matriculation, $2.50; room, board, and laundry, $72 a quarter; tuition, $12.50 a quarter; physician, nurse, hospital and medical, $4; lecture fee, $1.50; library fee, $1.50; student activity fee, $2.50. Laboratory fees, $3 to $4.50. Annual expenses: Low, $325; liberal, $500.

Forty-two scholarships, $50 to $500 a year.

Employment: During year ending June 30, 1926, 14 per cent of students earned part of their way through college. Total earnings reported to office, $13,500 by 100 students.

Dates of beginning and ending of session: September 14, 1927 to May 25, 1928.

Summer Session, 1928: June 4 to August 18. All departments offered a total of 100 courses. Attendance, 1925, 448.

University Extension: School of Education offers extension courses for teachers in service. Enrolment, 1925–26: 473 students in 18 groups in eight counties.

Annual catalog in July.

Achievements of the year ending June 30, 1926: Establishment of plan to train school supervisors in different counties of the State through use of Shelby County schools as a laboratory.

Department of Sociology developed plan for training social welfare workers. Supported by county board of education, county board of revenue, and college. County is thereby made a laboratory in which teachers in training get actual practice in welfare work among children.

Administrative officers: President, O. C. Carmichael; Dean, T. H. Napier; Registrar, Edward Houston Wills.

ALABAMA POLYTECHNIC INSTITUTE

AUBURN, ALABAMA

College for men and women. Land-Grant College of State of Alabama, the oldest in the South and second oldest in the country.

Board of eleven trustees.

College of Engineering and Architecture, College of Agriculture, Academic Faculty, College of Veterinary Medicine, School of Education, School of Chemistry and Pharmacy and Department of Home Economics.

Income for instructional purposes for year ended June 30, 1926: $357,909.61. Expenditures for same period: $347,824.76. Collections during fiscal year on Campaign Pledges: $14,507.79. Main expenditures, other than for teaching: $71,000 for completion of $250,000 Engineering Building, and $5,000 for the completion of $50,000

water system. Budget for 1926–27: $347,575.

Campus and lands aggregate 1,046 acres. Total value of grounds: $154,000. Present worth of buildings: $1,346,000. Total value of grounds, buildings, and equipment: $2,000,000. Dormitory facilities for 200.

Library (1908): Volumes, 47,884; government documents, 10,000; current periodicals, 175.

Value of scientific equipment, $220,000.

Full-time college surgeon. Compulsory physical training for Freshmen.

Admission requirements: 15 units. No conditioned students. Applicants for courses in Engineering and Architecture must present: English 3, History 1, Mathematics 2½. For admission to any other course the specified units are the same except that only 2 units are required in Mathematics. Applicants for a course in Latin must present 3 units in Latin.

B.S. is awarded on completion of one of following four-year courses: Civil Engineering, Highway Engineering, Electrical Engineering, Mechanical Engineering, Agriculture, Agricultural Extension, Education, Agricultural Education, Home Economics, Home Demonstration Work, Pharmacy, Chemistry and Metallurgy, Chemical Engineering, and General Course. For D.V.M. a four-year course, or if combined with B.S. in Agriculture, a six-year course. B. of Arch. requires five years; B. of Arch. Eng., five years; Ph.C., three years. College confers the following graduate degrees; M.S. in Pharmacy, Chem. E.

R.O.T.C. required of first and second-year students. Physical Training required for first-year students. Chapel attendance required.

Departments and Staff: Agricultural Engineering: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 2; *Instructors*, 0. Agronomy: 1, 1, 2, 0. Animal Industry: 2, 1, 1, 1. Architecture: 1, 0, 2, 1. Botany: 1, 0, 0, 2. Chemistry: 3, 1, 2, 1. Civil Engineering: 1, 0, 0, 1. Economics: 2, 0, 0, 1. Education: 3, 0, 0, 0. Electrical Engineering: 2, 0, 0, 1. English: 2, 0, 2, 2. Entomology and Zoology: 0, 1, 2, 0; Extension Teaching: 2, 0, 0, 0. Highway Engineering: 1, 0, 0, 0. History: 2, 0, 1, 0. Home Economics: 2, 1, 2, 1. Horticulture: 1, 0, 2, 0. Machine Design: 1, 0, 0, 0. Mathematics: 3, 0, 2, 2. Military: 1, 0, 9, 0. Mechanical Engineering: 4, 0, 1, 4. Modern Languages: 1, 0, 1, 0. Pharmacy: 1, 0, 1, 0. Physical Training: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Veterinary Medicine: 2, 0, 3, 1. Surveying: 1, 0, 0, 0. Plant Pathology: 0, 1, 0, 1. Music: 0, 0, 0, 1. Athletics and Physical Education: 2, 3, 0, 2.

Enrolment, 1925–26: 1550: General, 252; Chemistry, 54; Premedical, 33; Pharmacy, 64; Education, 129; Agricultural Education, 119; Agricultural, 95; Home Economics, 51; Architecture, 62; Architectural Engineering, 36; Civil and Highway Engineering, 173; Electrical Engineering, 353; Mechanical Engineering, 114; Veterinary Medicine, 15.

Regular Session, 1,550; Summer Session, 1925, 816; Agricultural Extension Workers' Conferences, including farm men and women, 215; Extension Teaching, 468; Farmers' Summer School, 340; Club Girls' Short Course, 85; Veterinarians' Short Course, 29. Total, 3,503.

Degrees conferred for the year ended June 30, 1926, 220.

Estimates of necessary expenses for a full session: Low, $417; liberal, $512.

Regular session begins September 12, 1927; ends May 28, 1928.

Summer session, June 6 to August 21, 1928. Attendance, 1926, 869. All departments offered in 1926, 172 courses.

Catalog published in May; President's report in June. Research and investigation bulletins published regularly by the Agricultural Experiment Station. Extension Division issues a monthly magazine.

Achievements of year ending June 30, 1926: Ramsay Engineering Hall ($250,000) completed in September, 1925. Other buildings acquired as result of recent campaign: dormitory for 100 students ($125,000); shop building for instruction in carpentry and building trades ($32,000); engineering research and electrical laboratory building ($22,000); dining-hall ($16,000).

Victor H. Hanson Broadcasting Station, WAPI, operated by the Extension Service of the college.

President: Spright Dowell; Director of Student Activities and Executive Secretary: Roy Dimmitt; Dean of School of Chemistry and Pharmacy, B. B. Ross; Dean of College Engineering and Architecture, J. J. Wilmore; Dean, School of Education, Zebulon Judd; Dean, College of Agriculture, M. J. Funchess; Dean, College of Veterinary Medicine, C. A. Cary; Dean of Women, Agnes Ellen Harris; Registrar, B. L. Shi.

ALABAMA, UNIVERSITY OF

See: University of Alabama.

ALBION COLLEGE

ALBION, MICHIGAN

Coeducational; college privately controlled. Under auspices of Methodist Episcopal Church.

Chartered as Wesleyan Seminary on March 23, 1835, and opened in 1843. In 1849 charter amended to permit conferring degrees on women and title changed to Wesleyan Seminary and Female College Institute. Charter amended February 25, 1861, and name changed to Albion College.

Board of 28 trustees, 9 of whom are elected by the board, 12 by the two supporting conferences of the Methodist Episcopal Church, and 8 by the Alumni Association.

Financial resources: Endowment, $750,000. Annual income of $20,000 from church. Budget, $180,000.

Grounds and buildings: Campus of 44 acres, valued at $54,744. 13 buildings valued at $941,000.

Library: 31,555 volumes.

Laboratories: Physics building, Chemistry building; equipment valued at $40,000.

Observatory.

Health program: Periodical examinations. Required courses in gymnasium.

Admission: 15 units. One condition allowed.

For A.B.: 120 semester units and at least two years of physical education.

Daily chapel attendance required.

Departments and Staff: Bible: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 1, 1. Business Administration: 1, 0, 1. Chemistry: 1, 0, 1. Classics: 1, 0, 0. Economics and Sociology: 1, 0, 1. Education: 1, 0, 1. English: 1, 2, 2. History and Political Science: 2, 0, 1; Home Economics: 1, 0, 1. Mathematics: 1, 0, 1. Modern Languages: 1, 0, 3. Music: 1, 2, 3. Philosophy: 1, 0, 0. Physics: 1, 0, 1. Public Speaking: 1, 0, 1. Physical Education: 1, 1, 1.

Degrees conferred in June, 1926: A.B., 105; Mus. B., 1; and D.D., Mus. D., Sc.D., and Litt.D.

Fees: Tuition, $125 and General Fees, $30. Approximate cost of board and room, $325.

Scholarships: About $5,000 awarded annually in scholarships, and $7,000 in loans.

Employment Bureau: Nearly one-half of the students earn part of expenses.

Dates of beginning and ending sessions: First semester begins third Tuesday in September; ends early in February. Second semester begins three days after close of first semester, and ends the second Tuesday in June.

Achievements of year ending June 30, 1926: Dormitory erected at cost of $275,000. $121,000 added to endowment.

Administrative officers: President, John Lawrence Seaton; Dean, Robert Williams; Dean of women, Ruth Haase.

ALBRIGHT COLLEGE

MYERSTOWN, PENNSYLVANIA

Founded in 1902 by union of Central Pennsylvania and Albright Colleges. Coeducational.

Dates of beginning and ending sessions: September 13, 1927 to June 5, 1928.

President, Clellan A. Bowman.

The requested information has not been received from this institution.

ALFRED UNIVERSITY

ALFRED, N. Y.

Privately controlled; coeducational; nonsectarian; State supported; comprising College of Liberal Arts, New York State School of Clay-Working and Ceramics, and New York State School of Agriculture.

Founded as private school, 1836. Chartered as Alfred Academy and Teachers

Seminary, 1843. Chartered as Alfred University, 1857. New York State School of Clay-Working and Ceramics established, 1900. New York State School of Agriculture established, 1908.

Self-perpetuating board of 33 trustees.

Endowment, $800,000. Income from endowment, $40,000. Income from other sources, $175,000. Total expenditures, $215,000. Budget, 1926–27, $225,000. Gifts to Endowment and Plant, 1925–26, $70,000.

Campus of 20 acres. Total present worth of buildings and grounds, including fraternity houses, $750,000.

Carnegie Library (1912), 40,000 volumes, including 5,000 government documents; current periodicals, 100.

Laboratories: Chemistry building (1923). Biology building (1880). Physics building (1897). Present worth of these buildings, $200,000. Equipment, $25,000.

Museum (1880).

Health program: Physical examination required of all Freshmen. Physical education required of Freshmen and Sophomores. Gymnasium (1926). Athletic field, fieldhouse, grand stand. Infirmary.

Admission requirements: 15 units, including English 3, Mathematics 2, Foreign Language 4, Science 1.

Degree requirements: Four years; 128 semester hours; "C" average. For A.B.: Minimum of 66 semester hours in Humanities; minimum of 44 semester hours in Science. For B.S.: Minimum of 48 semester hours in Science; minimum of 42 semester hours in Humanities. Thesis elective.

Departments and Staff: Biology and Geology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Chemistry: 2, 0, 0, 0. Classical Languages: 1, 0, 0, 0. Economics: 1, 0, 0, 0. English: 2, 0, 0, 1. Ethics: 2, 0, 0, 0. History and Political Science: 1, 0, 0, 0. Industrial Mechanics: 2, 0, 0, 0. Library Economics: 1, 0, 0, 0. Mathematics: 4, 0, 0, 0. Modern Languages: 2, 0, 0, 1. Philosophy and Education: 2, 0, 0, 0. Physical Education: 1, 0, 0, 1. Physics: 4, 0, 0, 0. Public Speaking, 1, 0, 0, 0. Religious Education: 2, 0, 0, 0. Stenography and Typewriting: 0, 0, 0, 2. Department of Music: 2, 0, 0, 0.

Total enrolment for year ending June, 1926, 663: College of Liberal Arts, 309; Ceramic School, 155; Agricultural School, 54; Summer School, 145. Total number of matriculates since foundation, 8,800.

Degrees conferred June 30, 1926, 58. Total number of degrees conferred since foundation, 1,139.

Tuition, $180 a year. Laboratory and other fees average $50. Annual expense of student, $500 to $700 a year.

One hundred scholarships.

Fifty per cent of students earn way in part or in whole.

Dates of beginning and ending sessions: September 20, 1927; June 14, 1928.

Summer School: July 5; August 16, 1928. Attendance, 1925: 145.

Publications: Annual Catalogs: College, December; Ceramic, November; Agricultural, June; President's annual report, September.

Achievements of year ending June 30, 1926: Completion of $500,000 campaign for endowment and buildings.

Administrative officers: President, Boothe C. Davis; Dean, J. Nelson Norwood; Dean of Women, Dora K. Degen; Registrar, W. A. Titsworth.

ALLEGHENY COLLEGE

MEADVILLE, PENNSYLVANIA

Coeducational college; privately controlled; patronized by Erie and Pittsburgh Conferences of Methodist Episcopal Church.

Founded, 1815; chartered, 1817; cornerstone of first building was laid, 1820.

Board of Trustees: 26 elected by board, 8 by Alumni Association, and 16 by Erie and Pittsburgh Conferences of Methodist Episcopal Church.

Endowment: $1,200,000. Income from endowment, $45,000; income from students, including board and room, $200,000; from other sources, $6,000. Total annual expenditures, including food-supplies, approximately, $250,000. Budget, 1926–27, not including food-supplies, $237,000.

Two dormitories: Cochran Hall, 30 men; Hulings Hall, 160 women.

Campus of 20 acres, valued at $142,-

075.40: buildings, $1,531,540; total present value of grounds, buildings, and contents, $1,912,642.40.

Bentley Hall (1820) significant example of American architecture.

Reis Memorial Library (1902): 68,000 volumes, 190 current periodicals.

Carnegie Hall of Chemistry (1916), valued at $180,000. Alden Hall of Biology and Geology (1916), valued at $144,000. Wilcox Hall of Physics (1893), valued at $55,200. Psychological Laboratory in Ruter Hall. Value of equipment: Chemistry, $19,780; Biology, $21,055; Physics, $10,700.

Newton Observatory (1901): Nine-inch equatorial refractor; also seven and a half inch instrument.

Physical examination of all Freshmen. Physical education required for Freshmen and Sophomores. Gymnasium (1920), valued at $139,000. Athletic field, valued at $50,000. Hulings Hall (1881) contains gymnasium for women.

Admission requirements: 15 units, 11½ of which are prescribed: English 3, Mathematics 2½, Science 1, History 1, Foreign Language 4. For A.B. course 2 units in Foreign Language must be Latin.

Degree requirements: 125 term hours and 125 grade points. Work of Freshman and Sophomore years largely prescribed for A.B. and B.S. Work of all four years of Pre-Engineering Course leading to B.S. prescribed. Premedical Course prescribed.

Departments and Staff: Bible and Philosophy of Religion: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology and Geology: 1, 0, 1, 1. Chemistry: 1, 0, 0, 2. Economics: 1, 0, 0, 1. English Language: 1, 0, 0, 2. English Literature: 1, 0, 1, 1. German: 0, 1, 0, 1. Greek and Art: 1, 0, 0, 0. History and Political Science: 1, 0, 1, 0. Latin: 1, 0, 1, 0. Mathematics and Surveying: 1, 0, 1, 1. Philosophy and Education: 1, 0, 1, 1. Physics and Astronomy: 1, 0, 0, 0. Romance Languages: 1, 0, 2, 2.

Enrolment: 607: Men, 369; women, 238.

Degrees conferred, 1926: 112: A.B., 81; B.S., 27; A.M., 1; M.S., 3. Total number of graduates since foundation: 2,986.

Tuition fee, $250 a year. Diploma fee, $10. Laboratory fees from $1 to $15 a course. Board in Cochran and Hulings Halls, $240 a year. Room, $100 a year. Annual student expenses: Liberal, $750; low, $575.

Eight scholarship loan funds.

Dates of opening and ending sessions: September 13, 1927; June 12, 1928.

Summer Session: June 18 to July 28, 1928. Twelve departments offered 23 courses in 1925. Attendance, 1925, 118.

Catalog in March.

See: Ernest Ashton Smith, "A Century of Education."

Administrative officers: President, James A. Beebe; Dean of Men and Registrar, Clarence F. Ross; Dean of Women, Miss Wren Staley.

ALMA COLLEGE

ALMA, MICHIGAN

Name to be used for bequest: The Board of Trustees of Alma College.

Coeducational college under Presbyterian control.

Founded 1887.

Board of 25 trustees nominated by board itself and elected by Presbyterian Synod of Michigan.

Endowment, August 31, 1926, $733,000. Income: From endowment, $37,000; from tuition, $35,000; from gifts by churches and individuals, $35,000. Budget, 1926–27, $105,000.

Ten buildings on campus of 40 acres; valued at $45,000. Women's dormitory (120). Men's dormitory (50).

Library (1889), 35,000 volumes, including 3,500 government documents.

Chemistry building valued at $30,000.

Hood Museum (1899): Geology and Biology.

Health program: Annual physical examination required. Gymnasium (1922) cost $105,000.

Admission requirements: 15 units, including Foreign Language. Two conditions allowed. Conditions must be removed during first year.

Degree requirements: 120 semester hours and 120 quality points. 16 hours required in

each of 3 groups. 2 majors (20 hours each) required. Required courses amount to 14 hours.

Two years of physical education required; daily chapel attendance required; all women registering from out of town must live on campus as must all first-year men.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biblical Literature: 1, 0, 0, 0. Biology: 1, 0, 1, 0. Chemistry: 1, 0, 0, 0. Economics and Sociology: 1, 0, 0, 0. Education: 1, 0, 0, 0. English Language and Literature: 2, 0, 1, 0. English Speech: 1, 0, 0, 0. French: 0, 0, 1, 0. Geology: 1, 0, 0, 0. German: 0, 0, 1, 0. Greek: 1, 0, 0, 0. History and Political Science: 2, 0, 0, 0. Latin: 1, 0, 1, 0. Library Methods: 1, 0, 0, 0. Mathematics: 1, 0, 0, 0. Mechanical Drawing: 0, 0, 0, 1. Music: 2, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Physical Training: 1, 0, 1, 1. Spanish: 0, 0, 1, 0.

Total enrolment 1925–26 (exclusive of special students in music), 299. Number of matriculates since 1887, approximately 4,000.

Degrees conferred year ending June 30, 1926, 43. Total number of degrees conferred, 539.

Student annual expenses, including living expenses: Liberal, $400; low, $300. Board and room in college buildings from $243 to $270. Tuition, $125 a year. Laboratory fees, $2.50 to $5. Matriculation fee, $5. Graduation fee, $10.

$3,000 annually awarded in scholarships.

Dates of beginning and ending sessions: The second full week in September; the second full week in June.

Catalog in March.

Achievements of year ending June 30, 1926: nearly $200,000 added to endowment.

Administrative officers: President, Harry Means Crooks; Dean, James E. Mitchell; Dean of Women, Florence M. Steward; Registrar, J. T. Ewing.

AMHERST COLLEGE

AMHERST, MASSACHUSETTS

Name to be used for bequests: Trustees of Amherst College.

College for men. Privately controlled. Undenominational.

Founded 1821. First called The Collegiate Institution.

Board of 17 trustees, 5 of whom are elected by alumni.

Endowment: $7,000,000. Income from endowment, $360,000. Income from other sources, fees, etc.: $170,000; gifts, etc.: $32,000. Total annual expenditures year ending June 30, 1926, $572,000. Budget, 1926–27, $380,000. Morrow Dormitory, $200,000.

Area in acres, 185. Four residence halls accomodate 250 men. Total value of grounds, $220,000. Total present worth of buildings excluding real estate investments, $2,100,000. Total value of grounds, buildings and equipment, $2,625,000.

Converse Memorial Library (1917), 130,000 volumes.

Fayerweather Laboratory: Physics and Chemistry. Biological and Geological laboratories. Appleton Hall (1855), Botany.

Mather Art Museum.

Observatory: 18-inch Clark telescope; 7¼-inch refractor.

Department of Hygiene and Physical Education in charge of college physician. Medical examination of Freshmen. Physical training required of Freshmen, Sophomores and Juniors until spring recess. Every student required to pass college requirement in swimming before end of Sophomore year. Infirmary. Gymnasium. Hitchcock Memorial Field, 40 acres. Pratt Field, 13 acres. Pratt Skating Rink. Indoor athletic field. Pratt Health Cottage is college infirmary.

Admission requirements: 4 years English, 3 points; 4 years Latin, or 3 years Latin and either 1 point in Advanced Mathematics or a third year of a second Foreign Language, 4 points; (not less than 3 years Latin accepted); Elementary and Intermediate Algebra, 2 points; 1 year Geometry, 1 point; 2 years second foreign language, 2 points; 1 year History (Ancient preferred), 1 point; 2 years elective from: Biology, Botany, Chemistry, History, Foreign Language (at least two years, or a third year), Advanced Mathematics, Music (Harmony), Physics,

Physiography, Physiology, 2 points. Total, 15 points. In rare cases one point condition (in elementary Modern Language 2 points) may be permitted. Such condition must be removed before beginning of Sophomore year.

Degree requirements: A.B.: 20 year-courses, include one year of mathematics; one year of English and Biblical Literature; one year (2 years if elementary) of Greek and one year of Latin; 2 years of science in group: Astronomy, Biology, Chemistry, Geology, Physics; one year in group: English, Foreign Language, Music; one year in group: History, Philosophy; and in addition to the twenty courses, required work in group: Public Speaking, Public Reading, Chorus or Orchestra, and Physical Education. Courses of study are by years, and no course of less than a year in any subject may be counted toward a degree, unless approved in advance by Administration Committee. Candidate must have no deficiencies in work of any year, must have a reading knowledge of German or a Romance language (French, Italian or Spanish), and must attain an average of 70 per cent for his entire course. Every candidate must complete two majors during his college course.

Chapel attendance required daily and Sunday.

Departments and Staff (1925–26): Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Biblical Literature: 1, 0, 0, 0. Biology: 2, 1, 2, 0. Chemistry: 2, 1, 1, 0. Economics: 3, 0, 0, 1. English: 2, 3, 0, 2. French: 0, 3, 0, 1. Geology: 1, 0, 1, 0. German: 2, 0, 0, 0. Greek: 2, 1, 0, 0. History: 4, 0, 0, 0. Hygiene and Physical Education: 2, 2, 1, 1. Italian: 1, 0, 0, 0. Latin: 2, 1, 0, 1. Mathematics: 3, 0, 0, 2. Music: 1, 0, 0, 1. Philosophy: 3, 1, 0, 0. Physics: 2, 1, 0, 0. Political Science: 0, 1, 0, 0. Public Speaking: 0, 2, 0, 0. Spanish: 1, 0, 0, 0.

Enrolment for year 1925–26, 697.

Total number of degrees conferred since foundation, 6,450. Degrees conferred June, 1926: B.A., 108; M.A. (in course), 6.

Tuition, $250 a year. Graduation fee, $6. Laboratory fees, $5 to $20 a year a course. Annual expenditures, not including clothing, vacation expenses, laboratory charges, membership in fraternities and other student organizations, athletic tax and incidentals: Low: Tuition, $200; room (one half), $65; furniture, $10; board (36 weeks), $324; fuel and light, $10. Liberal: Tuition, $200; room (one half), $225; furniture, $30; board (36 weeks), $360; fuel and light, $25. Totals: $609; $840.

Seven graduate fellowships. Beneficiary fund for undergraduates. 50 scholarships for incoming students. 15 scholarships for ex-service men. Loan fund.

Employment Bureau. Appointments officer.

September 22, 1927 opening college year. Commencement Day, June 18, 1928.

Catalog published annually in December.

Achievements of year ending June 30, 1926: Establishment of Final Honors work; gift of new dormitory.

Administrative officers: President, Arthur Stanley Pease; Dean, Thomas Cushing Esty. Secretary of the Faculty and Executive Secretary of Committee on Alumni Reading and Study, William Jesse Newlin; Recorder, Gladys Alice Kimball.

"ANNAPOLIS"

See: United States Naval Academy.

ANTIOCH COLLEGE

YELLOW SPRINGS, OHIO

Coeducational; privately controlled.

Founded in 1853, with Horace Mann as first president, as a coeducational college. For half a century it continued as a small liberal arts college until 1920, when Arthur E. Morgan was elected president and instituted a program of education through cultural studies, through preparation for a calling, and through an acquaintance with men and affairs by part-time, practical work in industry.

Self-perpetuating board of 20 Trustees.

Total annual expenditures for year ending June 30, 1926: $294,808.25. Budget, 1926–27: $307,900. Income: Gifts, $144,424.16;

tuition, fees, etc., $166,732.44; miscellaneous, $15,984. Endowment: $123,921.17.

Two dormitories for men, one for women. Total value of land (240 acres): $55,357.47. Value of buildings: $396,958.94. Value of land, buildings, and equipment: $522,478.16.

Library (1925): 26,337 volumes, not including 5,000 government documents; 290 current periodicals.

Health Program: Physical examination required of all students; physical education and hygiene required. Athletic field. Infirmary.

Admission requirements: Graduation from high school or equivalent of 15 units; quality of work, rather than distribution of units, is sought. Preparatory school record supplemented by intelligence tests, physical examination, graduated recommendation forms, and questionnaire answered by applicant. Character, maturity, intelligence, academic ability, and achievements are the factors determining acceptability. Applicants may be conditioned for (1) lack of essential preparatory subjects; (2) lack of quality in preparatory record—standing below middle of graduating class or below highest quarter from some schools; (3) in general where candidate seems desirable but some question about ability appears. Condition removed after two semesters of academic work of the grade required for graduation. Total number of conditioned students less than 5 per cent.

Requirements for degrees: The cooperative curriculum ordinarily requires six years for completion; but half of the student body complete it in five years, either by carrying more than the average amount of work, or by attending college full time during one year. The student may elect for special reasons to devote his whole time to college work by alternation between groups of studies, instead of between economic work and college. The latter plan ordinarily takes four years. Four degrees are offered: Bachelor of Arts, Bachelor of Science, Master of Arts, and Master of Science. 225 credit hours required for the bachelor's degree. A credit hour normally consists of one hour of classroom work pursued each week for a semester of ten weeks. Two laboratory hours are considered the equivalent of one classroom hour. Extra credit toward the degree is allowed for exceptionally good work. Certain courses are required each year. A field of concentration is required.

Antioch College and Ohio State University in cooperation offer a six years' course leading to the degree of B.S. in Agriculture. Four years are spent at Antioch and two at the University. At the end of five years the degree of B.S. is conferred by Antioch College; at the end of six years the degree of B.S. in Agriculture, by Ohio State University. There are other such combination courses.

Departments and Staff: Art and Æsthetics: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Accounting and Financial Administration: 1, 1, 0, 0. Biology and Bacteriology: 1, 1, 0, 1. Chemistry: 2, 0, 0, 1. Education: 1, 1, 0, 3. Engineering: 1, 0, 0, 2. English: 2, 0, 1, 2. Foreign Language: 0, 0, 1, 3. Geology: 1, 0, 0, 0. Household Economics: 1, 0, 0, 1. Hygiene and Physical Education: *Directors*, 2, *Associate Director*, 1. Industrial Management and Business Administration: 2, 0, 1, 0. *Director*, 1. Mathematics: 0, 2, 0, 0. Physics: 1, 0, 0, 0. Psychology and Philosophy: 0, 0, 2, 0. Social Science and Economics: 1, 1, 1, 0. *Professor Emeritus*, 1. Music: *Director*, 1.

Enrolment for year ending June 30, 1926: 641: Men, 471; women, 170.

Degrees conferred year ending June 30, 1926: 43: B.A., 38; B.S., 5. Total number degrees conferred since foundation, 596.

Fees: Tuition, $250; matriculation, $10; graduation, $10; laboratory, $1 to $5 a semester; athletic fee, $5 a year; budgetary control, $2 a semester; lodging, $1.75 to $3 a week; board, $5 to $10 a week. Expenses for 42 weeks, or two semesters, at college: Low, $735; liberal, $1,015.

Student income from cooperative employment for two semesters, comprising 21 weeks of work: Low, $328.02; high, $482.35.

Research Reforestation Fund, for research in developing new species adaptable to various commercial uses, $1,000 annually; Ohio Association of Retail Lumber Dealers Fund, for part maintenance of courses in

Retail Lumber and research in building design, etc., $3,875 annually; Keith Fund, for Economics Department, $4,000 a year for three years; Carnegie Corporation Fund, for Library, $10,000 a year for five years.

During the academic year 1925–26 all but 17 of students were engaged in part-time cooperative work. The average pay rate was $23.26 a week for men, and $18.44 for women. Students following the regular program worked 26 weeks. It would therefore appear that the average man student would have earned $604.76; the average woman, $479.44. During the same period budgets kept by Freshmen students indicate that the normal cost of a year at Antioch was between $735 and $1,015.

Dates of beginning and ending sessions: September 6, 1927; June 19, 1928. In addition to scholastic session, students are required to work half the summer vacation on their cooperative work.

Publications: Catalog in April. Antioch Press in connection with the College. Antioch College Bulletin, published in December, February, April (catalog), and July. Antioch Notes issued semimonthly.

Administrative officers: President, Arthur E. Morgan; Dean, Philip C. Nash; Dean of Men, David S. Hanchett; Counselor of Women, Jane Cape; Registrar, Susan G. Fralich.

ARIZONA, UNIVERSITY OF

See: University of Arizona.

ARKANSAS, UNIVERSITY OF

See: University of Arkansas.

ARMOUR INSTITUTE OF TECHNOLOGY

CHICAGO, ILLINOIS

College of Engineering and Architecture founded by Philip Danforth Armour in 1892. Privately controlled. Board of 10 trustees.

Library: 31,000 volumes, 6,500 pamphlets, 187 current periodicals.

Laboratories for Chemistry, Mechanical and Electrical Engineering in main building; separate buildings for Refrigerating, Testing, Automotive, Physics and Civil Engineering laboratories.

Admission requirements: 15 units of which 12½ are in required subjects. Two conditions allowed, but must be removed before end of first year.

Medical inspection of all Freshmen at entrance. Compulsory physical training for Freshmen and Sophomores.

Degree of B.S. conferred on completion of four years curriculum, largely prescribed.

Departments and Staff: Architecture: *Professors*, 1; *Associate Professors*, 2; *Assistant Professors*, 5; *Instructors*, 2. Chemical Engineering: 1, 3, 3, 1. Civil Engineering: 2, 2, 2, 0. Economics and Philosophy: 1, 0, 0, 0. Electrical Engineering: 2, 2, 1, 1. English: 2, 0, 1, 0. Fire Protection Engineering: 1, 1, 1, 1. History and Political Science: 1, 0, 0, 0. Mathematics: 1, 3, 1, 1. Mechanical Engineering: 2, 6, 4, 6. Mechanics: 1, 2, 0, 0. Physical Training: 1, 0, 0, 0. Physics: 1, 1, 1, 1.

Enrolment in College of Engineering limited to 750. Enrolment June 30, 1926, 790. Evening classes, 1,022. Summer, 116. Total, 1,928. Duplicates, 79. Net total, 1,849.

Degrees conferred year ending June 30, 1926, 130. Total number degrees conferred since foundation, 1,965 B.S.

Student annual expenses: Low, $800; liberal, $1,200.

Scholarships and fellowships, 126 of $250 each.

Employment Bureau.

Session beginning September 21, 1927; ends June 9, 1928.

Summer session, June 18 to July 27. Attendance 1925, 116.

Evening classes are held during 30 weeks.

Catalog published in May.

President, Howard Monroe Raymond; Dean, Louis Celestin Monin; Comptroller and Secretary, George Suistair Allison.

AUGUSTANA COLLEGE AND THEOLOGICAL SEMINARY

ROCK ISLAND, ILLINOIS

College and Theological Seminary. College coeducational. Owned and supported

by the Augustana Synod of the Evangelical Lutheran Church of North America.

From 1840 to 1860 many pioneers from Sweden settled in the upper Mississippi Valley. Evangelical Lutheran Congregations were at once formed in various settlements. Pastors and representatives of these conferred, and at a meeting in Chicago in April, 1860, decided to found the Augustana Synod and Augustana College and Theological Seminary.

Board of 18 directors, elected by Augustana Synod. The president of the Institution and the president of the Synod are ex-officio members of the board.

Endowment, $525,000. Income from endowment, $22,000. Income from all sources, $206,210.27.

Value of grounds, buildings, and equipment: $939,828.40.

Library (1910), 42,000 volumes, including about 2,000 bound government documents; 350 current periodicals. Special collections: Swedish language papers of the United States and Canada; Nils Forsantes library of church history, 5,000 volumes.

Value of laboratory equipment in principal departments, $9,833.25.

Health program: Gymnasium (1917), $150,000. Medical inspection of all students at the beginning of each year. Physical training required during Freshman and Sophomore years.

Admission requirements: 15 units, including English 3, one Foreign Language 2, Algebra 1, Plane Geometry 1, Science 1, History 1.

Degree requirements: For A.B.: 124 credits of which 30 must be earned in senior college subjects, and 4 in Physical Culture. Daily chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Chemistry: 1, 0, 0, 0. Christianity: 1, 0, 1, 0. Drawing: 1, 0, 0, 0. Economics and Commerce: 1, 0, 0, 0. Education: 1, 0, 1, 0. Elocution: 1, 0, 0, 0. English: 1, 1, 1, 1. French: 1, 0, 0, 1. German: 1, 0, 0, 1. Greek: 1, 0, 0, 0. History: 1, 0, 1, 0. Latin: 0, 0, 0, 1. Mathematics: 1, 0, 0, 1. Philosophy: 1, 0, 0, 0. Physics: 0, 0, 0, 1. Swedish: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: College, 504: Men, 257; women, 247. Theological Seminary, 125. Conservatory of Music, Art and Elocution, 385. Summer School, 1925, 175.

Degrees conferred year ending June 30, 1926, 65: A.B., 59; B.S., 14; L.H.D., 1; D.D., 1.

Fees: Tuition, $116 a year. Matriculation, $15. Graduation, $5. Laboratory fees, $4–$6. Annual expenses: Liberal, $600; low, $450.

Scholarships, 9.

Dates of beginning and ending sessions: First Monday in September; last Friday in May.

Summer Session: 6 weeks. Attendance 1925, 175.

Catalog in April.

Administrative officers: President, Gustav A. Andreen; Dean of Theological Seminary, Conrad E. Linoberz; Dean of College, Jules Mauritzson; Registrar, Mrs. Jeanette Kempe.

BAKER UNIVERSITY

BALDWIN, KANSAS

Coeducational. Under control of Methodist Episcopal Church.

On February 3, 1858, the Kansas Educational Association of Methodist Episcopal Church was chartered by Territorial Legislature of Kansas with privilege of locating an educational institution at Palmyra, since called Baldwin City. Institution chartered February 12, 1858; named in honor of Bishop Osman C. Baker. Instruction began in November, 1858.

Board of trustees elected by Kansas Annual Conference of Methodist Episcopal Church.

Endowment, $800,000. Subscriptions payable within three years will add $500,000. Annual budget, $150,000.

Eight buildings and campus of 25 acres valued at $650,000. Two dormitories for women (28 and 10).

Library, 62,000 volumes; 170 current periodicals. Bishop Quayle collection of Bibles.

Mulvane Hall of Science (1925) houses

Chemistry, Physics, Zoology, and Botany. Laboratories cost $150,000. Scientific equipment valued at $36,500.

Museum of Natural History and Anthropology in Parmenter Hall.

Gymnasium and swimming-pool, athletic field. Medical examination of all Freshmen. Two years physical training required.

Admission requirements: 16 units, including English 3, Foreign Language 3, History 1, Mathematics, 2, Science 1. One condition allowed; must be removed in Freshman year.

For bachelor's degree 120 semester hours, at least 80 hours of which must be graded average or better.

Daily chapel attendance required.

Departments and Staff: Biblical Literature and Religious Education: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 0. Botany and Bacteriology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Drawing and Painting: 1, 0, 0, 0. Economics and Business Administration: 1, 0, 1, 0. Education: 1, 0, 0, 0,. Engineering: 0, 0, 0, 1. English Language and Literature: 1, 0, 2, 2. French Language and Literature: 1, 0, 0, 0. Germanic Language and Literature: 0, 0, 1, 0. Greek Language and Literature: 1, 0, 0, 0. History: 1, 0, 1, 0. Home Economics: 1, 0, 0, 0. Journalism: 0, 0, 1, 0. Latin Language and Literature: 1, 0, 0, 1. Library Science: 0, 0, 0, 1. Mathematics: 1, 0, 0, 1. Music: 3, 0, 0, 1. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: 2, 0, 1, 0. Physics: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 2. Sociology: 1, 0, 0, 0. Spanish Language and Literature: 0, 0, 1, 0.

Enrolment, College of Liberal Arts: 531: Women, 280; men, 251. School of Music: 74: Women, 61; men, 13.

Annual tuition fee, $130. Approximate cost of board and room, $300 to $400 a year. Matriculation fee, $5. Graduation fee, $5. Laboratory fees, $3 to $5 a semester.

In scholarships, $5,000 awarded annually. Annual loan fund, $5,500.

Employment bureau directed by alumni secretary. One half of students earn their way in part.

Year begins second Tuesday in September and ends early in June. 18 weeks in each semester, exclusive of vacations.

College Bulletin, including catalog number, quarterly; "Alumni Bulletin," monthly.

President, Wallace Bruce Fleming; Dean, Homer K. Ebright; Registrar, Samuel A. Deel.

BALDWIN-WALLACE COLLEGE

BEREA, OHIO

College of Liberal Arts and Conservatory of Music. Coeducational. Maintained by conferences of Methodist Episcopal Church.

In August, 1845, North-Ohio Conference of the Methodist Episcopal Church, accepted gift of John Baldwin and appointed a board to organize Baldwin Institute, chartered December 20, 1845. 1855, rechartered as Baldwin University. In 1856 educational needs of German Methodist Church were provided for in a department. Later this work was organized under separate board of trustees. James Wallace donated building and grounds, and in 1863 German Wallace College was chartered. In August, 1913, Baldwin University and German Wallace College united as Baldwin-Wallace College.

Board of 37 trustees, 24 of whom are elected by conferences of Methodist Episcopal Church.

Endowment: $1,156,654.70, including annuity funds of $181,496.54. Income from endowment: $63,000 for 1925–26. Income from students, including tuition, rent, fees: $64,391. Annual expenditure for instruction, $61,300. Annual expenditure for administration and general expense, $61,805. Budget, 1926–27: income, $173,544; expense, $179,700. Increase in endowment from August 31, 1925 to May 15, 1926: $160,844.94.

Campus, 25 acres; total value of buildings and grounds, $994,180.23; total value of equipment, $157,005.89.

Library, 25,000 volumes.

Herman Herzer Museum.

Certificate of physical examination from some medical practitioner approved by college required of all students. Gymnasium and athletic field valued at $60,000.

Admission requirements: 15 units, includ-

ing English 3, Foreign Language 2, Mathematics 2, American History and Civics 1, Natural Science 1. One condition allowed; must be completed by end of Freshman year.

Degree requirements: At least 124 semester hours, including 4 hours of physical education. Three-fourths of hours must be graded not lower than C.

Two hours a week required in physical education during Freshman and Sophomore years.

Chapel attendance required of all students. All men in Freshman class required to live in men's dormitory. All women required to live in women's dormitories, except when arrangements with private homes or sorority houses are approved.

Departments and Staff: Astronomy: *Professor*, 1; *Associate Professor*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bible: 2, 0, 0, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 0, 0. Drawing: 1, 0, 0, 0. Economics: 1, 0, 0, 1. Education: 2, 0, 0, 0. English: 1, 2, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 0, 0. Home Economics: 1, 0, 0, 0. Mathematics: 1, 0, 1, 0. Modern Languages: 1, 0, 2, 0. Philosophy: 2, 0, 0, 0. Psychology: 1, 0, 0, 0. Physical Education: 1, 0, 2, 0. Physics: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Religious Education: 1, 0, 0, 0. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: College of Liberal Arts: 402: Men, 223; women, 179. Conservatory of Music: 117: Men, 30; women, 87. Nast Theological Seminary: 8: Men, 7; women, 1.

Degrees conferred year ending June 30, 1926: 58: A.B., 47; B.S., 8; B.Mus., 2. Total number of degrees conferred since foundation, 1,599. Number of each kind of degree conferred: A.B., 987; B.S., 579; B.Mus., 33.

Tuition, $75 a semester. Sons and daughters of Methodist ministers pay two-thirds of regular tuition fee. Annual total expense: Low, $450; high, $900.

Board of Education of the Methodist Episcopal Church appropriates annually a loan fund for members of that denomination. Loans are without interest if paid within five years from date of leaving college. Income from the Fanny Nast Gamble Fund is available for the support of students preparing for the ministry. Twenty-eight scholarships of $75 each. A limited number of $25 scholarships for honor students from high schools.

Limited appropriations, usually $200 to $400 to individual departments for special research.

About 10 per cent of students earned their way through college during the year ending June 30, 1926.

Beginning of recitations, September 12, 1927. Close of first semester, February 3. Beginning of recitations for second semester, February 7. Commencement, June 13, 1928. Summer session, 1928, June 18 to August 10. Enrolment, 1926, 42.

Catalog in February.

Achievements, 1926: Gift of $10,000 for Nast Theological Seminary, and a scholarship fund of $3,000.

President, Albert Boynton Storms, D.D.; Registrar, Frederick Roehm.

BARNARD COLLEGE

119TH STREET AND BROADWAY, NEW YORK CITY

Barnard is the undergraduate college for women of Columbia University. It duplicates for women, in separate classes, with such changes and adaptations as may seem desirable, the curriculum offered to men in Columbia College. Its graduates receive the degree of B.A. from Columbia University.

In 1889 a group of men and women who wished to provide for women in New York City a college education fully equal to that offered to men, obtained the sanction of the trustees of Columbia for the establishment of an affiliated woman's college. A charter was granted by the State of New York, and promises of subscriptions for the support of the college during the first four years of its existence were secured. Named for President, Frederick A. P. Barnard, of Columbia College, who for many years had been an ardent advocate of the admission of women to Columbia. Opened in 1889 in a rented house at 343 Madison Avenue. Since 1897 Barnard has occupied the land on Broadway between 119th and 120th Streets, and since

1903 that between 116th and 119th Streets in addition. In 1900, when the growth of the college had made inappropriate the original informal arrangement for instruction, an agreement was made between the trustees of Columbia College and of Barnard College by which Barnard was incorporated in the educational system of the university, but it remained on a separate financial foundation.

Governed by a self-perpetuating board of 25 trustees.

Endowment: $4,009,733. Income from endowment, $195,526. Other sources: Tuition fees, $326,085. Residence fees, $202,803. Summer Session, $50,595. Lunchroom, $22,010. Gifts for special purposes, $1,775. Miscellaneous, $8,949. Total annual expenditures for year ending June 30, 1926: $731,780. Budget, 1926–27: $799,493.

Grounds and buildings: Four acres. Two residence halls (350). Equipment, buildings and grounds valued at over $3,700,000.

Library: 24,500 volumes; 121 current periodicals. For advanced and research work students use the Columbia University Library.

Laboratories for Botany, Chemistry, Geology, Physics, Zoology, and Experimental Psychology.

Health program: Gymnasium and swimming-pool. Some participation in physical education required throughout four years. Courses in hygiene required. Physical examinations each year. Full-time physician and nurse. Free clinic with 6,355 treatments annually. Infirmary and resident nurse in dormitory.

Admission requirements: 15 units, including English 3, Mathematics 3, Foreign Languages 5 (3 must be in one language), character and promise, good health, and common sense and general fitness (these latter to be judged by a psychological examination). The Committee on Admissions selects from among the candidates those best fitted for a college course.

Degree requirements: B.A. (except those in the Special Honors Course): 120 points, exclusive of English C and the prescribed work in Physical Education. The term point usually signifies the satisfactory completion of work requiring attendance at class one hour, or in the laboratory 2 hours a week during a winter or spring session. English A, 6 points; English C, ½ or 2½ points; Hygiene A, 2 points; Physical Education, A, B, C, D. Ability to read at sight, with ease, one of the following languages: French, or German, or Greek, or Latin. By special permission Italian or Spanish may be substituted for one of these languages. All other work is elective, but must include a major subject of 28 points. Courses amounting to not less than 14 points from each of the following groups other than the one in which the major lies: Group I, Languages, Literatures and other Fine Arts; Group II, Mathematics and Natural Sciences; Group III, Social Sciences.

Candidates for B.A. who desire to specialize in Natural Sciences or in Mathematics, may elect the foregoing program of studies with modifications: A major subject (Zoology C may not be counted as part of a major or a minor subject, or of the grouped work amounting to 60 points) of at least 28 points of not less than Grade C in one of the Natural Sciences: Astronomy, Botany, Chemistry, Geography, Geology, Mineralogy, Physics, Experimental Psychology, and Zoology or in Mathematics, and two minor subjects of at least 12 points each, one of which must be allied to the major, both to be chosen from the foregoing list. Anthropology may also be taken as a minor subject. Additional grouped work in science, or in Mathematics, or in Science and Mathematics, so as to make a total of at least 60 points in Science, or in Science and Mathematics.

Bachelor of Arts with honors in special subjects: Exceptionally well equipped students with pronounced interest in any subject may be allowed to substitute for the prescribed curriculum a special course of study in that and closely related subjects. Students may be admitted to this course, usually as a result of conspicuous ability in college work, at the beginning of the sophomore or junior year, provided they meet in September such tests as the Committee on Instruction may determine. The appropriate department then takes charge of the student's work, and, subject to the approval of the Faculty, arranges the course to be pur-

sued for a degree with honors. A sound reading knowledge of French and German is required before graduation, except in the departments of Modern Foreign Languages, which may substitute other Modern Languages at their discretion. Previous to the senior year the manner of testing proficiency rests with the department in charge. In the senior year all regular examinations are omitted, and at the end of the year every honor student must pass a comprehensive examination in her subject as a whole. Honor students are exempt from the technical requirement of 120 points, from regular class attendance, and from the usual system of grading, but not from the customary supervision of the Department of Physical Education.

General requirements: To be recommended for a degree a student must have had at least 84 points in actual college residence, and at least 30 of these while registered in Barnard. All students not residing with their parents are required to live in Brooks Hall or Hewitt Hall.

Departments and Staff: Anthropology: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Botany: 1, 0, 1, 2. Economics: 1, 1, 1, 2. English: 4, 2, 1, 6. Fine Arts: 0, 0, 1, 0. Geology: 0, 1, 0, 1. German: 1, 0, 1, 1. Government: 0, 1, 0, 0. Greek and Latin: 2, 1, 0, 1. History: 0, 1, 1, 2. Mathematics: 0, 1, 0, 2. Philosophy: 1, 0, 1, 0. Physical Education: 0, 0, 1, 6. Physics: 0, 1, 1, 0. Psychology: 1, 0, 0, 2. Romance Languages and Literatures: 0, 2, 2, 3. Zoology: 1, 1, 1, 1.

Enrolment for the year ending June 30, 1926, 968. In addition, 44 unclassified students and 37 special students, making a total of 1,049.

Degrees conferred year ending June 30, 1926: A.B., 212. Total number of degrees conferred since foundation: 3,319: A.B., 3,221; B.S., 77 (previous to 1922); A.M., 19 (previous to 1901); Ph.D., 2 (previous to 1901).

Fees: $10 a point. Registration fee, payable at the beginning of each semester, $6. Examination fee, *i. e.*, entrance for each series, $6; late application, $6; deficiency and special examinations, $6. For the degree, $20. Various charges in Chemistry courses. Board and room, $460–$900 for the academic year. Averages for student annual expenses, including living expenses: High, $1,300; low, $800.

Scholarships and Fellowships: 61 scholarships, ranging in value from $120 to $600; 44 supplementary scholarships of $50 each; and nine special funds for the benefit of students who need financial aid. One graduate fellowship of $600 awarded each year to member of the graduating class. One graduate scholarship of $75 awarded annually to a member of the graduating class for training in secretarial work. Loan fund of $11,500 maintained by the Associate Alumnæ.

Employment Bureau: 15 per cent of students earned their way, in part, through work procured through the Occupation Bureau. 154 individuals in 283 positions earned $16,787.

Dates of beginning and ending sessions: Winter Session begins 36 weeks before the first Wednesday in June of the following year. Commencement is held on the first Wednesday of June.

Publications: Catalog in April. Dean's Annual Report in September.

Achievements of year ending June 30, 1926: Opening of new dormitory, Hewitt Hall, and reorganizing of courses to meet requirements of the new curriculum.

Administrative officers: President, Nicholas Murray Butler; Dean, Virginia Crocheron Gildersleeve; Registrar, Anna E. H. Meyer.

BATES COLLEGE

LEWISTON, MAINE

Name used for bequests: "The President and Trustees of Bates College."

College for men and women, privately controlled. Founded by Free Baptists but non-sectarian, and with no denominational restrictions in charter either as to board of trustees or teachers.

Chartered by Maine Legislature in 1864, growing out of Maine State Seminary. Founded by Oren Burbank Cheney. Benjamin E. Bates, one of founders of city of

Lewiston, made new institution possible by gifts amounting to $100,000.

Bicameral Board of Trustees. President and Fellows, constituting upper board, consists of president and 15 persons elected for life. Overseers, constituting lower board, are 25 in number, 5 of whom are elected each year for term of 5 years. Alumni have right to nominate 2 of the 5 overseers in each class.

Endowment, $1,700,000. Income from endowment during last fiscal year, $107,526.02. Income from student fees, $105,939.85. Total annual expenditure for year ending May 31, 1926, $221,918.04. Budget, 1926–27, $257,974.91.

Campus, 75 acres. Three residence halls for men (227); six residence halls for women (193). Campus and 22 buildings valued at $609,241.41. This does not include dormitories listed as investment assets at a valuation of $163,927.71, nor does it include Physical Education Plant now being erected at cost of $425,000.

Coram Library (1902), 53,500 volumes, including 7,000 volumes of government documents, 161 current periodicals. Rice Collection of French history and biography.

Hedge Chemical Laboratory (1890). Carnegie Science Hall (1912) for Physics and Biology cost $51,700. Equipment in Chemical, Physical and Biological Laboratories valued at $32,887.

Health examinations required of all Freshmen, both men and women. Physical Education required of all students except Seniors.

Admission requirements: 14½ units, either through certification of schools on approved list of New England College Entrance Examination Board, or through examination, including for A.B. English 3, Latin 3, Modern Foreign Language 2, Algebra 1½, Plane Geometry 1, History 1; for B.S. Latin is not required. No women admitted to B.S. course. Condition of not more than 2 units allowed.

Degree requirements: 130 semester hours, including 9 hours in Physical Training. A major of 24 semester hours and 2 minors required. Thesis on subject related to accepted major. B.S. major must include at least 9 semester hours of laboratory work. Prescribed courses include Freshman English, Sophomore Argumentation, Public Speaking (2 years), Physiology (1 semester). A.B. students must have 1 year of Latin and 1 year of a Modern Language. B.S. students must have Freshman Mathematics, Chemistry (1 year), Biology (1 semester), and not less than 4 years in Modern Foreign Languages, of which 2 years must be presented for admission.

Chapel attendance required. All women must room in college dormitories, except a few who are allowed to earn board and room in approved homes, and those who live at home.

Departments and Staff: Astronomy and Geology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1, 0. Chemistry: 1, 0, 1, 0. Economics and Sociology: 1, 0, 1, 0. Education: 1, 0, 1, 0. English: 1, 0, 1, 2. Fine Arts: (see Philosophy). French: 1, 0, 1, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History and Government: 1, 0, 1, 1. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 0, 0. Music: Director of Music. Philosophy and Psychology: 1, 0, 0, 1. Physics: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Spanish: 1, 0, 0, 0. Hygiene and Physical Education for Women: 1, 0, 1, 0. Hygiene and Physical Education for Men: 1, 0, 0, 0; 1 director of Physical Education.

Enrolment for year ending June 30, 1926: 622: Men, 344; women, 278. Approximate number of matriculates since foundation, 4,850.

Total number of degrees conferred year ending June 30, 1926, 123: B.A., 89; B.S., 29; M.A., 5. Degrees conferred since foundation, 3,350. All A.B. and B.S., except 17 Master's degrees, earned in recently instituted summer school.

Annual fee, $200. Cost of board and room, $300 to $400 a year. Graduation fee, $15. Laboratory fees from $2 to $15. Student's expenses, including board, room, tuition, incidental fees and books, low: $550; high: $650.

117 scholarships ($50–$150 annually).

Nearly every male student, and fully half of women students, either in full or in part, earn way through college. With but few

exceptions all are employed during summer. Total wage budget for students was between $12,000 and $13,000 for year ending June 30, 1926.

First semester begins September 22; second semester begins February 9. Commencement, June 20.

Six weeks summer session, beginning July 5. Instruction offered by 21 teachers in 14 departments. Primarily for teachers in secondary schools. Attendance: 266: Men, 116; women, 150.

Catalog in November. President's report in June.

Achievements of year ending June 30, 1926: Adoption of honor classes; building of new physical education plant.

Administrative officers: President, Clifton Daggett Gray; Dean of Women, Ruth Vesta Pope; Registrar, Nola Houdlette.

BATTLE CREEK COLLEGE

BATTLE CREEK, MICHIGAN

Coeducational, privately controlled. Affiliated with Battle Creek Sanitarium. Nonsectarian.

Began as School of Nursing in 1880. Later a School of Home Economics was added. Still later a School of Physical Education. In 1923, Schools were combined into Battle Creek College. In 1925 Liberal Arts curriculum added.

Self-perpetuating board of trustees.

Endowment, $827,500. Income from endowment, $44,000. Income from other sources, $130,000. Total annual expenditures, year ending June 30, 1926, $170,000. Budget for 1926–27, $173,000.

Biological Preserve, 3 miles from city, includes 200 acres of wild land and 2 lakes. Two main buildings. Three dormitories, 10 cottages, gymnasium, physics laboratory. Total value of grounds, $1,500,000.

Library: 12,500 volumes, 75 current periodicals.

Health program: Gymnasium, $250,000. Health examinations, corrective, gymnastic and therapeutic service. Outdoor gymnasium for men and women for sun-bathing and swimming.

Admission requirements: 15 units. Language requirement for A.B. No Latin required for admission or graduation.

Degree requirements: 124 semester hours. An average of "C."

All students required to take physical culture. Chapel once a week required. All students required to abstain from liquor, tobacco, and meat.

Departments and Staff: Physical Education: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 4; *Instructors*, 0. Nursing: 1, 0, 12, 0. Nutrition: 1, 0, 2, 0. Foods: 1, 0, 1, 0. Physics and Mathematics: 1, 0, 1, 1. Biology and Eugenics: 1, 0, 1, 1. Social Sciences: 1, 0, 0, 1. Chemistry: 1, 0, 0, 3. Modern Languages: 1, 0, 0, 0. English: 1, 0, 1, 0. Education: 1, 0, 1, 0. Philosophy and Psychology: 1, 0, 1, 0. Physiology and Anatomy: 1, 0, 1, 0. Hygiene and Public Health: 1, 0, 0, 0.

Total enrolment: September, 1925 to June, 1926, 603.

Total number of degrees conferred, 35. Total number of degrees conferred since foundation, 75.

Tuition, $80 a semester. Graduation fee, $5. Other general fees, $10. Laboratory fee, $5. Lodging, $2.50 a week; board, $5 a week.

Six scholarships ($600 each). Requirement, A.B. degree.

Sixty-five per cent of students are entirely or partly self-supporting.

Dates of beginning and ending sessions: September 27, 1927; June 12, 1928.

Summer session 1928 begins June 15. Attendance, 1926, 235.

Evening classes for teachers and bankers.

Four annual bulletins.

Administrative officers: President, Paul F. Voelker; Dean of Women, Linda Gage Roth; Registrar, Cora L. Hoppough.

BAYLOR COLLEGE FOR WOMEN

BAYLOR STATION

BELTON, TEXAS

College for women, privately owned and controlled by Missionary Baptist General Convention of State of Texas. Founded in 1845 as a Department of Baylor University, located at Independence, Texas. The Uni-

versity was operated for approximately twenty years in two departments, one for men and one for women, with separate campuses, faculties, and buildings. In 1866 the women's department was separately chartered as Baylor Female College. In 1886, it was removed to Belton, Texas. In 1925, the name was changed to Baylor College for Women.

Board of 25 trustees, men and women, appointed annually by Baptist General Convention of State of Texas.

Endowment, $400,000. Income from tuition, fees, and non-educational department, $264,018.07. Total annual expenditure, $250,204.89.

Grounds, including farm land (350 acres), $250,000; buildings, $1,000,000.

Library (1922), 30,000 volumes, exclusive of government documents; 125 current periodicals.

Science Building (1920) cost about $200,000. Value of equipment in Physics, Chemistry and Biology, $20,000.

Medical and Physical Examination of every entering student required. Athletic field. Gymnasium. Infirmary. Resident nurse. Physical Education required for three years.

Admission requirements conform wholly to requirements of Association of Colleges and Secondary Schools of the Southern States. No conditions allowed.

Requires 120 semester hours for graduation, with 36 grade points, and a higher requirement to pass made for Juniors and Seniors. Candidates for B.A. must select a major and minor group, composing together about one-third of the entire degree requirements.

Students required to live in dormitories. Daily chapel attendance required.

Departments and Staff: Biology: *Professor*, 1; *Assistant Professor*, 1; *Instructor*, 1. Chemistry and Physics: 1, 0, 2. Education: 2, 4, 3. English: 3, 3, 1. Modern Languages: 3, 0, 3. Ancient Languages: 1, 0, 0. History and Political Economy: 1, 2, 1. Home Economics: 2, 0, 1. Journalism: 1, 0, 0. Mathematics: 1, 1, 1. Physical Education: 0, 0, 1. Religious Education: 2, 0. 1.

Enrolment, for year ending June 30, 1926: 1,552 in the College Department; 536 correspondence students; 683 in High School Department. Total number of matriculates since foundation, 25,000.

Degrees conferred, 1926: B. A., 78; B.S., 8; B.J., 3; B.E., 2.

The college grants B.A., B.S. in Home Economics, and the Bachelor of Journalism degree. Fine Arts Department, separately organized, grants degrees, Bachelor of Music, Bachelor of Design, and Bachelor of Expression.

Tuition and fees amount to $58 a quarter. Graduation fee, $10. There are no other fees except laboratory fees for the laboratory expenses. Lodging and board, from $60 to $115 a quarter. Laundry, $10 a quarter. Average expenses, $163 a quarter.

Approximately one-fourth of the student body earn their own way in part or entirely.

College year begins first week in June and continues for four quarters. Ten days' holiday between close of summer quarter and beginning of the autumn quarter; approximately ten days between close of the autumn quarter and beginning of winter quarter, embracing the Christmas holidays. Summer session integral part of year, with the same faculty and approximately same number of students. It is divided into a full term and a half term.

Catalog in May.

Administrative officers: President, J. C. Hardy; Dean, E. G. Townsend; Registrar, Ione Kimball.

BAYLOR UNIVERSITY

WACO AND DALLAS, TEXAS

Name for bequests: Baylor University, Waco, Texas.

The College of Arts and Sciences, the School of Education, the School of Commerce and Business Administration, the School of Law and the School of Music are at Waco. The College of Medicine and Hospital, the School of Nursing, the College of Dentistry, and the College of Pharmacy are in Dallas.

Coeducational. Privately controlled. Property of the Baptist General Convention of Texas, by which the board of 21 trustees is elected annually.

Chartered February 1, 1845, under the Republic of Texas by Texas Baptist Education Society. Located at Independence, Texas, 1845 to 1886, when it was consolidated with Waco University at Waco and came under control of Baptist General Convention of Texas. In 1903 Baylor University took over the School of Medicine of the University of Dallas. In 1904 College of Pharmacy was organized. In 1918 Texas Dental College was taken over as part of the medical schools. In 1920 the Texas Baptist Memorial Sanitarium was combined with Baylor University College of Medicine. In 1919 the Department of Education of the College of Arts and Sciences at Waco was given separate organization as the School of Education; School of Law established in 1920; and School of Commerce and Business Administration in 1923.

Endowment (1923), $531,680.80.

Value of grounds, buildings, and equipment: $1,308,531.43.

Library (1923), 50,778 volumes, 9,100 government documents, 321 periodicals, and 6,000 volumes of bound periodicals.

Health program: Baylor at Waco has part-time university physician and full-time nurse for women. Hospital facilities.

Admission requirements: 15 units, of which 9 are required: English 3, Algebra 2, Plane Geometry 1, Science 1, History and Civics 2. No conditioned Freshmen are admitted. Students over twenty-one years of age who cannot satisfy the entrance examinations but have done "substantially the amount of work required," are sometimes admitted as "specials." Such students are required to satisfy their entrance requirements within one year from the date of admission. Admission to the School of Education is through the College of Arts and Sciences, only Juniors and Seniors being admitted. For admission to the School of Law, two years of college work are required. For admission to the College of Medicine, high school graduation and two years of college work. For 1926–27 the College of Dentistry requires high school graduation and one year of college work. Both the School of Nursing and the College of Pharmacy require high school graduation.

Degree requirements: 36 majors (a major is the equivalent of 3⅓ semester hours). In the College of Arts and Sciences and School of Education, 16 majors are prescribed as follows: English 3 majors, Natural Science 3, Social Science 3, Foreign Language 4, Mathematics 1, Bible 1, Psychology, 1. Minimum passing mark is D (60), but an average of 2 honor points a major is required. Twelve of the 36 majors must be junior or senior courses. At least 8 majors must be taken in one department, or by the consent of both heads of departments, in two allied departments; and at least 5 in another department. Students of the School of Education usually build these groups in academic fields as well as 8 majors in Education. A thesis is not a general requirement, although a department head may permit a senior student majoring in his department to write a thesis and receive 1 major of credit therefor. For the B.B.A. degree the School of Commerce and Business Administration prescribes the following courses: Freshman: English 2 majors, History, American Economics, 1, Commercial Resources 1, Mathematics (College Algebra) 1, Foreign Language 2, Natural Science 1, Free Elective 1. Sophomore: Introduction to Business Adminis. 1, Principles of Economics 1, Introduction to Accounting 1, Journalism 1, Mathematics of Finance 1, European History 1, Spanish, French or German 1, Approved Electives 2. Concentration is secured by the requirement that a student take at least 8 majors in one department of the school, and at least 5 in another. The School of Law requires for the LL.B. degree 3 years (27 majors). The College of Medicine requires 4 full years for the M.D. degree. The College of Dentistry likewise for the degree of D.D.S. The course in Nursing covers 3 years, and that in Pharmacy 2.

One year of physical education is required of all women the first year of college residence. In the Waco divisions, daily chapel attendance is compulsory. All women students are required to reside in dormitories.

Departments and Staff: Agriculture: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bible: 1, 0, 1, 1.

Botany: 1, 0, 0, 0. Chemistry: 1, 0, 1, 0. Economics: 1, 0, 0, 0. English: 2, 0, 2, 6. French: 1, 0, 1, 2. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 0, 4. Latin: 2, 0, 0, 0. Mathematics: 1, 1, 0, 1. Physics: 1, 0, 0, 1. Political Science: 0, 0, 0, 1. Psychology and Philosophy: 1, 0, 0, 0. Public Discourse: 0, 0, 0, 2. Sociology: 1, 0, 0, 1. Spanish: 1, 1, 1, 2. Zoology: 1, 0, 1, 0. School of Commerce and Business Administration: 1, 0, 2, 1. School of Education: 3, 2, 0, 2. School of Law: 4, 0, 0, 0. School of Music: 3, 0, 0, 4. School of Medicine: see page 131. School of Dentistry: 2, 0, 0, 7. School of Pharmacy: 2, 0, 0, 0.

Enrolment for year ending June 30, 1926, 3,356, including College, Law, Medicine, Pharmacy, Dentistry, Nursing, Specials, Music, Expression, Visitors, Correspondence, Summer Sesssion. Total number of matriculates since foundation is 26,500.

Degrees conferred June, 1926, 404: M.A., 9; LL.B., 15; A.B., 214; B.B.A., 12; B.M., 3; Honorary, 4; M.D., 39; D.D.S., 30; Ph.G., 37; R.N., 41. Total number of degrees conferred since foundation, 4,322.

Fees: Waco divisions for the College of Arts and Sciences, the School of Education, quarterly, $58.50. In the School of Law and graduate school, $68.50. Women pay an additional medical fee of $2 quarterly. Matriculation fee, $5; graduation fees, all degrees, $15. Laboratory fees, $4 to $6 a quarter. Room: For men, $18 to $45 a quarter; for women, $15 to $36 a quarter. Board for women, $78 a quarter. Dallas Divisions: College of Medicine, annual fees, $268; School of Nursing, no fees, either for tuition or living; College of Pharmacy: Annual fees, $198 besides a matriculation fee of $5, and a graduation fee of $25. College of Dentistry: Matriculation fee of $5; graduation fee of $25, and fees for first-year students, $273.

Scholarships: Teaching Fellowships for such departments as need assistants are open to graduates of Baylor University or of other institutions. The income for each fellow is $450 tuition and fees (except quarterly fees). Such fellows required to teach at least 5 hours a week; 14 other scholarship funds.

Dates of beginning and ending sessions: September 19-20, 1927. Spring quarter closes May 28–June 1, 1928.

Summer session: June 4 to August 17, 1928 (Waco division only); 22 departments; 96 courses; attendance, 1925, 676.

University extension: Four extra-mural courses taught by School of Education, 1925–26, Correspondence students, 395.

Achievements of year ending June 30, 1926: Endowment-Enlargement Campaign for $1,200,000, with which to pay indebtedness and meet terms of General Education Board's offer of $300,000 for endowment.

Administrative officers: President, Samuel Palmer Brooks; Dean of College, William Sims Allen; Registrar, Waco Division, Frank M. Allen; Registrar and Secretary, Dallas Divisions, William J. Myers.

BELOIT COLLEGE

BELOIT, WISCONSIN

College; coeducational; non-sectarian.

Founded in 1846 through efforts of Congregational and Presbyterian Churches to meet educational needs in the region in Northwest Territory opened to settlement by the Black Hawk War. Charter approved by governor of the Territory, February 2, 1846. Women admitted in 1896.

Board of 30 trustees, divided into three classes, each of which serve three years.

Endowment, $2,218,003.19. Income from endowment, $122,681.10. Income from tuition and fees, $117,537.49. Total income, $281,382.28. Total annual expenditures year ending June 30, 1926, $301,495.34.

Buildings and grounds: Value of buildings, grounds (43 acres) and equipment, $1,400,000.

Library (1904), 74,038 volumes, 225 current periodicals.

Laboratories: Pearsons Hall of Science (1892): Botany, Chemistry, Geology, Physics and Zoological. Broadcasting station WEBW, and biological and geological museums are in this building.

Logan Museum, in Memorial Hall (1869); Logan Archælogical Collection and Department of Anthropology endowed by Mr. and Mrs. Frank G. Logan.

Smith Observatory.

Health program: Smith Gymnasium, used by men and women (1904). Hancock Field. Infirmary for women.

Admission requirements: 15 units, including English 3, Mathematics 2, Foreign Language 2, History 1, Laboratory Science 1. Must have a certain required average before admission. No conditions allowed.

Degree requirements: For B.A. and B.S.: 120 semester hours, including a major; 120 grade points. Required courses: Language, 1 or 2 years, depending on number submitted for entrance; English, 1 year; laboratory Science, 1 year; Mathematics or General Science, 1 year; History, 1 year; Social Science, 1 year; English Literature or Public Speaking, 1 year; Philosophy, Psychology, Education or Biblical Literature, 1 year; Fine Arts, Music, Comparative Literatures or Anthropology, 1 year. A thesis may be required in the major subject to count as 2 or 3 hours.

Physical culture requirement, 2 years; chapel attendance required; residence of women required in dormitories; beginning 1927, residence requirement in dormitories Freshmen men.

Departments and Staff: Anthropology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 0, 1, 0, 0. Biblical Literature and Religious Education: 1, 0, 0, 0. Botany: 1, 0, 0, 1. Chemistry: 1, 0, 0, 0. Economics: 1, 0, 0, 0. Education: 2, 0, 1, 0. English: 2, 2, 1, 1. Fine Arts: 1, 0, 0, 0. Geology: 1, 0, 0, 0. Greek: 1, 0, 0, 0. German: 1, 0, 0, 0. History: 1, 0, 1, 0. Latin: 2, 0, 0, 0. Library Science: 0, 1, 0, 0. Mathematics: 1, 0, 0, 1. Music: 1, 0, 1, 2. Political Science: 0, 1, 0, 0. Psychology: 2, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physical Education: 0, 1, 2, 0. Physics: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Romance Languages: 1, 2, 0, 1. Zoology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 574.

Degrees conferred year ending June 30, 1926, 78: B.A., 62; B.S., 15; M.A., 1. Total number of degrees conferred since foundation, 2,211.

Fees: Matriculation, $10; graduation, $10; tuition, $112.50 a semester. Charge for lodging and board, $200. Annual expenses, including living expenses: Liberal, $1,200; low, $700.

Scholarships and fellowships: $50 to $200.

Employment bureau: 10 per cent of students earned entire way through college by positions obtained by college. Probably another 10 per cent paid part of expenses by part time employment.

Dates of beginning and ending sessions: September 19, 1927; June 18, 1928.

Publications: Annual catalog in February. President's report and Treasurer's report.

Achievements of year ending June 30, 1926: Department of Sociology developed; reorganization of the Department of Physical Education, making it an all-college program instead of a program for athletes.

Administrative officers: President, Irving Maurer; Dean of the College and Dean of Men, William E. Alderman; Dean of Women, Luella F. Norwood; Registrar, Bessie M. Weirick; Chairman of Committee on Foreign Students, Royal B. Way.

BEREA COLLEGE

Berea College and Allied Schools

BEREA, KENTUCKY

College of Arts and Science; coeducational; privately controlled; non-denominational.

On invitation of General Cassius M. Clay, a leader in the movement for gradual emancipation of slaves, John G. Fee, in 1853, founded an Anti-slavery Union Church, out of which grew the village and College of Berea. College founded in 1855.

Self-perpetuating board of 24 trustees elected for term of five years.

Endowment, $788,645.33. Income from endowment, $35,489. Income from other sources, $61,503.35. Total annual expenditures year ending June 30, 1926, $96,410.30. Budget, 1926–27, $109,667.36. Practically all resources of a $2,500,000 plant, available for use of college, but it is difficult to show exactly what share of the income and expenditures is rightly allocated to the College Department.

Grounds and buildings: Campus, 140 acres; farm, 544 acres; forest reserve, 5,600

acres. Total value of grounds, $335,098.15. Total value of grounds, buildings, and equipment, $1,033,018.

Library (1905), 50,000 volumes, including 2,500 government documents, 200 current periodicals. Special collection: Mountain material.

Laboratories: Industrial Building (1903) cost $26,315.12; Science Hall (1898) cost $8,745.60. Value of equipment in principal departments: Biology, $3,332; Chemistry, $3,220.94; Physics, $5,049.59; Geology, $4,294.05; Mathematics, $1,074.71; Home Economics, $7,407.55.

Health program: Physical examination, including dental examination of students on entrance, with hospital and staff to care for physical needs of students. Mental test. Physical education required first two years. Athletic field. Women's gymnasium (1926), value, $65,000.

Admission requirements: 15 units, including English 3, Algebra 1, Plane Geometry 1, Science 1, History 1. (Foreign Language 2 or 2 extra years to be taken during the college course.) No conditions allowed.

Degree requirements: For B.A.: 128 semester hours with average grade of C. A major of 22 or 24 hours. Prescribed courses: Composition 4 hours, English Literature 6, Speech 4, Religious Education 8, Foreign Language 8 to 22, History 3, Science or Mathematics 8, Economics 4, Physical Education 4. Thesis required at option of major department.

Required chapel. Students required to live in dormitories.

Departments and Staff: Agriculture: *Professors*, 1; *Associate Professors*, 2; *Assistant Professors*, 0. Biology: 0, 1, 0. Chemistry: 0, 1, 0. Economics: 1, 0, 0. Education: 2, 0, 0. English: 1, 3, 1. French: 0, 2, 0. Geology: 1, 0, 0. German: 0, 1, 0. Greek: 1, 0, 0. History and Political Science: 1, 1, 0. Home Economics: 1, 0, 1. Latin: 0, 1, 0. Mathematics: 1, 1, 0. Physical Education: 0, 2, 0. Physics: 1, 0, 0. Psychology: 1, 0, 0. Religious Education and Philosophy: 1, 0, 0. Sociology: 1, 0, 0.

Enrolment for year ending June 30, 1926, 471: Men, 239; women, 232.

Degrees conferred year ending June 30, 1926, 55; total number of degrees conferred since foundation, 318: B.S., 17; B.A., 301.

Fees: Incidental fee, $10.50 a semester; graduation fee, $5; laboratory, $1 to $4.50 a semester; charge for room, $11.70 a semester; board, $49.50. Annual expenses: Liberal, $350; low, $200.

Alumni secretary conducts an employment bureau. A great many students earn most or all of their way through college.

Dates of beginning and ending sessions: September 13, 1927; June 4, 1928.

Summer session: June 7 to August 13. Six departments offer 27 courses. Attendance, 1925, 139.

University extension: Each year for 3 weeks in the winter term Berea College conducts an Opportunity School for Adults, somewhat on the plan of the Folk Schools.

Publications: Catalog published April, May and November. President's report annually in August.

Administrative officers: President, William J. Hutchins, D.D.; Dean, Thomas A. Hendricks; Registrar, Adelaide Gundlach.

BETHANY COLLEGE

BETHANY, WEST VIRGINIA

Coeducational college, privately controlled, affiliated with Disciples of Christ.

Chartered by Legislature of Virginia in 1840; instruction began October, 1841.

Self-perpetuating board of trustees.

Endowment, $1,746,000; annual budget, $158,000.

Grounds and nine buildings valued at $715,000.

Library, 18,100 volumes, 134 current periodicals.

Laboratory building (1911) for Biology and Chemistry, equipment valued at $36,000.

Health program: Physical examination required of all students. Gymnasium and swimming-pool. Physical training required of all Freshmen and Sophomores.

Admission requirements: Foreign Language 2, English 4, History 1, Laboratory Science 1, Algebra 1, Plane Geometry 1.

Degree requirements: 120 semester hours with 120 quality points. All must have:

English, 6 hours; Science or Mathematics, 16; Social Science, 12; Foreign Language, 14; Philosophy and Education, 12.

Chapel attendance required.

Departments: Agriculture, Biology, Chemistry, Economics, Education, English, French, Geology, German, Greek, History, Home Economics, Homiletics, Latin, Library Science, Mathematics, Music, New Testament, Old Testament, Philosophy, Psychology, Physical Education, Physics, Political Science, Religious Education, Sociology, Spanish.

Enrolment: 316: Men, 197; women, 119.

Degrees conferred year ending June 30, 1926, 44.

Fees: Matriculation, $150; graduation, $10; laboratory, $4 to $12. Annual expenses: Liberal, $850; low, $515.

Thirty scholarships and fellowships.

Forty-five per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 20, 1927; June 12, 1928.

Catalog in March.

Administrative officers: President, Cloyd Goodnight; Dean of College, A. C. Workman; Registrar, Velma Rodefer; Dean of Women, H. Pearl Morris.

BIRMINGHAM-SOUTHERN COLLEGE

BIRMINGHAM, ALABAMA

Coeducational college under auspices of Southern Methodist Church.

Chartered under auspices of Alabama Conference of Southern Methodist Church, January 25, 1856. Opened first at Greensboro, Alabama. October, 1859, as Southern University. Competitive college opened at Birmingham on September 4, 1898, by North Alabama Conference. Colleges consolidated May 30, 1918, with combined name of the two institutions.

Board of 24 trustees elected by two Methodist Conferences of Alabama and West Florida.

Endowment, $1,000,000. Budget for 1926–27, $200,000.

On campus of 125 acres, 13 buildings, including 3 dormitories (150 men). Total value of grounds, buildings, and equipment, $1,000,000.

Library (1923), 25,000 volumes.

Health program: College physician examines Freshmen. Athletic field. Munger Bowl, $100,000.

Admission requirements: 15 units, English 3, Mathematics 2, Science 1, History 1. Not more than 3 vocational units allowed. No entrance conditions allowed.

Degree requirements: For A.B. and B.S.: 128 semester hours and 124 quality points, with 4 semester hours possible in student activities (athletic, forensic, musical, literary, departmental clubs). Prescribed courses: English, 2 years; History, 1 year; Mathematics, 1 year; Foreign Languages, 3 years; Laboratory Science, 2 years; Bible or Religious Education, 1 year; Physical Education, 1 year; a major sequence of 24 semester hours, and a minor sequence of 18 semester hours.

Physical education required in freshman year. Chapel attendance required first three years.

Departments and Staff: Art 2, Astronomy 1, Biology 3, Chemistry 3, Economics and Business 4, Education 3, English 8, French 4, Geology 1, German 1, Greek 2, History 3, Italian 1, Latin 1, Mathematics 4, Music 2, Philosophy 1, Physical Education 2, Physics 1, Political Science 1, Psychology 3, Public Speaking 1, Religious Education 3, Sociology 1, Spanish 3.

Enrolment, 1925–26: Men, 625; women, 332; total, 957. Afternoon and Saturday morning students and Summer School increase total to 1,765.

Total number of degrees conferred June 30, 1926, 139. Total number of degrees conferred since foundation, 1,163.

Fees, $120 a year. Laboratory fees from $10 to $15 a year. Diploma fee, $10. Room rent, $60 a year; meals average $6 a week at cafeteria.

Fifteen scholarships ($100 each) annually. Forty loans ($100 each) granted annually.

Employment secretary. Approximately two-thirds of men earn way either partly or wholly.

Dates of beginning and ending sessions: September 12, 1927; May 29, 1928.

Summer session 1928: June 4 to August 18.

Summer session 1926, opened June 7, with enrolment of 852; second term opened July 19, enrolling 699 students, in 15 departments with 59 courses offered.

University extension: Evening and Saturday morning classes for teachers enrolled 258 students, 1925–26.

College bulletin quarterly, including catalog in March.

Achievements of year ending June 30, 1926: $300,000 added to endowment in joint campaign with Howard College in city of Birmingham. Residuary legacy of $250,000 to $300,000.

Administrative officers: President, Guy Everett Snavely; Dean, Gilbert Wilcox Mead; Dean of School of Education, Roy E. Hoke; Registrar, Wyatt Walker Hale.

BOSTON COLLEGE

CHESTNUT HILL, MASSACHUSETTS

Name used for bequests: Trustees of Boston College.

Catholic college for men, privately controlled, conducted by Society of Jesus.

Chartered March 31, 1863, by Commonwealth of Massachusetts. College removed to Newton in May, 1913, where all undergraduate classes are held. Graduate classes held in Boston.

Self-perpetuating board of 10 trustees.

Four buildings, valued at $3,500,000; grounds, 36 acres.

Library under construction.

Science Building (1923) valued at $900,000: Physics, Chemistry, and Biology. Scientific equipment valued at $200,000.

Museum of Natural History in Science Building.

Admission requirements: 15 units. No condition allowed. Students must pass entrance examinations in at least four subjects.

Degree requirements: For A.B. at least 2 years of college Latin and Greek. Those who choose Ph.B. course may substitute a scientific course for Latin and Greek, but this course must be followed for at least 3 years. All courses are prescribed, but one elective is allowed in Junior year, and 2 in Senior year.

Departments and Staff: Ethics: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Philosophy: 4, 0, 0, 0. Economics: 1, 0, 0, 0. Chemistry: 4, 3, 2, 4. Physics: 2, 2, 4, 0. Ancient Languages: 12, 0, 0, 0. Mathematics: 3, 0, 0, 0. Romance Languages: 2, 0, 0, 0. Biology: 2, 0, 3, 0. History: 2, 0, 0, 0.

Enrolment for year ending June 30, 1926, 1,086; graduates, 94.

Degrees conferred June, 1926, 263. Total number of degrees conferred since foundation, 2,498.

Fees: Matriculation, $5; general fees, $10; laboratory and other materials fees, $10; tuition, $200 per year.

135 scholarships ($200 each) awarded after competitive examinations.

Employment bureau. About 45 per cent of student body earned way through college.

Dates of beginning and ending sessions: September 15, 1926; June 10, 1927.

Summer session: June 28 to August 1, 1925. Fifteen courses. Attendance, 1925, 1,253.

Administrative officers: President, Rev. James H. Dolan, S. J.; Dean of Arts and Sciences, Rev. Patrick J. McHugh, S. J.; Dean of Graduate School, Rev. John B. Creeden, S. J.; Registrar of Arts and Sciences, Patrick J. Sullivan; Registrar of Graduate School, Frederick J. Gillis.

BOSTON UNIVERSITY

688 BOYLSTON STREET, BOSTON, MASSACHUSETTS

Name for bequests: The Trustees of Boston University.

University, including College of Liberal Arts, College of Business Administration, College of Practical Arts and Letters, School of Theology, School of Law, School of Medicine, Graduate School, School of Education, School of Religious Education and Social Service; coeducational; privately controlled; established by members of Methodist Episcopal Church.

Chartered by Commonwealth of Massachusetts in 1869.

Board of 50 trustees divided into five classes, elected for term of five years. President of University ex-officio member.

Endowment, $3,396,326.32. Income from endowment, $121,617.47. Income from tuition and fees, $1,302,112.62. Total income, $1,512,351. Total annual expenditures year ending June 30, 1926, $1,489,622.25. Budget, 1926–27, $1,605,434.

Notable financial items for year: 50th Anniversary Campaign for endowment, $156,818.55; for endowment, general gifts, $20,742.24; for educational plant capital, general gifts, $173,210; funds subject to annuities, through 50th Anniversary Campaign, $11,500; gifts total, $362,270.79.

Grounds and buildings: Residence halls for men (Schools of Theology, 120; Religious Education, 56); 3 for women (273). Total value of grounds, buildings and equipment, $2,605,568.81.

Library, 147,000 volumes. College of Liberal Arts is next door to Boston Public Library (1,285,000 volumes).

Observatory: One five-inch and one seven-inch refracting telescope.

Health program: Physical examination of all entering students. Gymnasium. Lectures and courses in Physiology, Health and Personal Hygiene. Courses in Mental Hygiene and Mental Diagnosis.

Admission requirements: 15 units. Not more than two conditions allowed. School of Theology for college graduates only. For admission to School of Law: At least two years of college work. School of Medicine for college graduates only.

Degree requirements: 120 semester hours of required and elective subjects necessary for degrees of A.B., S.B., B.S. in Ed. For B.B.A. 140 semester hours; of this total 20 semester hours must represent vocational courses, including one college year of supervised employment. For B.S.S., B.S. in P.A.L., B.R.E., B.S.Sc, 128 semester hours. Bachelors from approved colleges who complete 90 semester hours and pass required examinations are admitted to degree of S.T.B. Any student, 21 years of age or over, completing three year course (after at least two years of college work) is eligible to degree of LL.B. M.B., given to students who have completed work of three full years in School of Medicine with rating well above the average, and who in addition have received marks of distinction in certain departments, candidate to be recommended by Faculty. Degrees of Ph.D., M.A., M.D., D.R.E., M.R.E., LL.M., M.Ed., S.T.M., M.B.A., conferred on recommendation of faculty concerned.

Physical training required for two years. Students not resident in their own homes must live in college dormitory or in houses approved by college office.

Departments and Staff: Astronomy: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Biology: 1, 0, 1, 2. Chemistry: 1, 0, 0, 2. Economics and Social Science: 4, 0, 1, 3. Education and School Administration: 4, 0, 0, 3. English Language and Literature: 4, 0, 2, 7. Germanic Languages and Literature: 2, 0, 1, 2. Greek Language and Literature: 2, 0, 0, 0. History: 3, 0, 1, 2. Latin Language and Literature: 2, 0, 0, 0. Mathematics: 1, 0, 2, 2. Music: 1, 0, 0, 8. Oriental Languages: 1, 0, 0, 0. Philosophy: 3, 0, 0, 1. Physical Education: 0, 0, 0, 4. Physics: 1, 0, 0, 2. Public Speaking: 1, 0, 1, 1. Romance Languages and Literatures: 2, 0, 1, 3. College of Business Administration: 21, 8, 18, 31. College of Practical Arts and Letters: 11, 0, 3, 25. Graduate School: 58, 0, 15, 8. School of Education: 5, 0, 1, 7. School of Law: 9, 0, 0, 4. School of Medicine: 22, 12, 22, 42. School of Religious Education and Social Service: 30, 0, 4, 13. School of Theology: 16, 0, 1, 5. Summer Session: 32, 5, 19, 26.

Enrolment for year ending June 30, 1926, 12,799: Men, 5,992; women, 6,807. College of Liberal Arts: Men, 267; women, 593. College and Extension Courses: Men, 157; women, 920. College of Business Administration, day division: Men, 1,251; women, 51. College of Business Administration, evening division: Men, 1,666; women, 544. College of Business Administration, Saturday courses: Men, 29; women, 128. College of Practical Arts and Letters, day division: Women, 683. College of Practical Arts and Letters, evening division: Women, 254. School of Theology: Men, 244; Women, 27. School of Law: Men, 625; women, 32. School of Medicine: Men, 182; women, 28. School of Education, Degree Courses: Men,

69; women, 186; Teachers' Courses: Men, 135; women, 827; Art Department: Men, 18; women, 105. School of Religious Education and Social Service: Men, 131; women, 309. Graduate School: Men, 172; women, 293. Summer Session, 1925: Men, 394; women, 659. Extra Mural Courses: Men, 652; women, 1,169.

Degrees conferred June, 1926: A.B., 84; S.B., 40; B.B.A., 187; B.S.S., 66; B.S. in P.A.L., 22; S.T.B., 80; LL.B., 135; M.B., 2; Ch.B., 1; B.S. in Ed., 117; B.R.E., 54; B.S.Sc., 4; A.M., 117; LL.M., 22; M.R.E., 11; M.Ed., 24; S.T.M., 11; M.B.A., 4; D.R.E., 1; M.D., 49; Ph.D., 7; total, 1,038. Total number of degrees conferred since foundation, 15,737.

Fees: Tuition, College of Liberal Arts, $300 a year; Graduate School, $10 enrolment, $10 an hour; $25 matriculation fee for Ph.D.; College and Extension Courses, $3 registration fee, $10 an hour; School of Education, $275 a year; Art School, $100, $10 an hour; College of Business Administration—day division, $300; evening division, $21 and up; College of Business Administration Graduate School, as above, depending on day or evening work; School of Religious Education, $250 a year; School of Theology, average $1 an hour, plus Library fee of $3, and room rates; School of Medicine, $326; Practical Arts and Letters, evening division: $5 registration fee, tuition, $20 up; day division, $265, and out of this a registration fee of $10; School of Law, $216 regular; graduate department, $166. Graduation fees of $10 are charged in all departments excepting the Graduate School, where the fee is $10 for an M.A., and $20 for a Ph.D. Laboratory fees are collected directly by the department involved.

46 scholarship funds.

Employment: Four departments of the University have maintained employment offices. The approximate amount earned by students, 1924–25, was $587,917.51; 1,442 persons were placed through the offices, the figures including a few graduates placed at the end of their college courses. Students working in homes for board and room, or room only, were not included either in the total placement figures or the total amount earned. The annual report of the vocational department of College of Business Administration shows that students in this department earned during the year ending July 1, 1926, a total of $557,094.74 while pursuing their regular college programs. Of this group 213 were full-time placements, and earned a total of $266,931.60, while 930 in the part-time group earned an estimated total of $48,718.58. The vocational office made 1,143 placements during the year.

The College of Business Administration requires that each student spend one year in supervised employment before he receives a degree. Last year a total of 129 day division seniors on supervised employment earned $128,108.72, and 56 evening division seniors earned $113,335.84. The fields entered by these two groups included accounting, advertising, publicity, editorial and teaching. Of the day division seniors the weekly salary at time of graduation ranged from $50 to $100.

Dates: September 21, 1927; Commencement, June 13, 1928.

Summer Session 1928 begins about July 9.

Summer Session 1925: 7 departments offered 161 courses; attendance, 1925, 1,056.

University Extension: Extension work carried on by the School of Education and the College of Business Administration; College of Liberal Arts conducts "College and Extension" courses in the late afternoon, evenings, and Saturdays. College of Business Administration has an evening division and Saturday division for teachers. College of Practical Arts and Letters conducts an evening division, and School of Education conducts courses in late afternoons and Saturdays for teachers. Approximately 7,300 students were enrolled during the past year in adult education program.

Achievements of year ending June 30, 1926: Campaign for increased endowment for the College of Liberal Arts completed: total, $1,100,000, to which is to be added $400,000 from the General Education Board on certain conditions.

Administrative officers: President of the University, Daniel L. Marsh; Dean of the College of Liberal Arts, William Marshall Warren; Dean of the College of Business

Administration, Everett W. Lord; Dean of the College of Practical Arts and Letters, T. Lawrence Davis; Dean of the School of Theology, Albert C. Knudson; Dean of the School of Law, Homer Albers; Dean of the School of Medicine, Alexander S. Begg; Dean of the School of Education, Arthur H. Wilde; Dean of the School of Religious Education and Social Service, Walter S. Athearn; Dean of the Graduate School, Arthur W. Weysse; Office Secretary, School of Education, Earlene A. Morey; Registrar, School of Religious Education and Social Service, Frank W. Clelland.

BOWDOIN COLLEGE

BRUNSWICK, MAINE

Endowed College of Liberal Arts for men, privately controlled, non-sectarian. A.B. and B.S. degrees. Two year medical preparatory course not leading to degree.

Incorporated June 24, 1794, by General Court of Massachusetts on petition of citizens of District of Maine. Named for James Bowdoin, Revolutionary War governor of Massachusetts. Opened, 1802. Medical School, established 1820, closed 1921.

Two concurrent self-perpetuating boards, the Trustees and the Overseers, upper board initiating legislation, and lower concurring or vetoing.

Endowment, $4,347,000. Income from endowment, $217,750. Income from other sources: Students' fees, $131,000; alumni gifts, etc., $17,000. Total annual expenditures year ending June 30, 1926, $365,000. Budget, 1926–27, $413,000. Notable gift, $250,000 from Frank A. Munsey.

Campus, 30 acres. Buildings (16) valued at $3,000,000. Four dormitories, dating from 1808 to 1917, house 250 men. About 200 men live in 11 fraternity houses.

Library, Hubbard Hall (1902–03), 135,000 volumes, including 5,000 government documents; 225 current periodicals. Huguenot Collection, Longfellow Collection, State of Maine Collection.

Laboratories: Searles Science Building (1894), valued at $320,000: Chemistry, Geology, Physics and Biology laboratories, with equipment, valued at $30,000.

Walker Art Building (1892–4) contains art collection, including several Stuarts and other notable early American examples, and a collection of drawings by old masters.

Observatory (1890–1).

Health program: Physical examination and corrective work prescribed. Physical work prescribed all year for Freshmen, and from Thanksgiving to Easter for upper classmen. Course in Hygiene compulsory for Freshmen. Sargent Gymnasium with Hyde Athletic Building (1912). Athletic field. Coe Infirmary (20 beds). College physician.

Admission requirements: 14½ points. For A.B. degree the following 9½ required: English 3, Elementary Latin 3, Algebra 1½, Plane Geometry 1, Roman History ½, one other History ½. For B.S. the following 8½ are required: English 3, Algebra 1½, Plane Geometry 1, Latin, Greek, French or German 2, two Histories 1. Admission by certificate or examination. Entrance conditions must be removed in first two years.

Degree requirements: 34 semester courses required for graduation, in addition to Hygiene, Public Speaking, and 4 courses in Physical Training. Freshmen required to select courses from 3 groups; further group requirements for graduation. Each student must complete one major and two minors, and pass oral and written examinations senior year on all work in major course.

Daily chapel attendance required.

Departments and Staff: Art: *Professors* 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 1, 0, 0, 0. Biology: 2, 0, 0, 0. Chemistry: 1, 0, 1, 0. Economics and Sociology: 1, 0, 2, 0. English: 2, 0, 1, 2. French: 2, 0, 1, 2. Geology and Mineralogy: 1, 0, 1, 0. German: 1, 0, 0, 1. Greek: 2, 0, 0, 0. History and Government: 3, 0, 0, 2. Hygiene and Physical Training: 1, 0, 1, 2. Italian: 1, 0, 0, 0. Latin: 2, 0, 0, 0. Comparative Literature: 1, 0, 0, 0. Mathematics: 2, 0, 1, 1. Music: 0, 1, 0, 0. Philosophy: 1, 0, 0, 0. Physics: 2, 0, 0, 0. Psychology: 1, 0, 0, 0. Spanish: 1, 0, 1, 0. Surveying and Drawing: 0, 0, 0, 1.

Enrolment year ending June 30, 1926, 533.

Degrees: Total number degrees conferred

year ending June 30, 1926, 101; total since foundation, 7,252.

Tuition: $200 a year; graduation fee, $5; laboratory, $3.75; lodging, $62.50 to $125 a year; board, $7 to $8.50 a week. Total annual expense: Liberal, $1,250; low, $750.

Two graduate scholarships ($500 each) and medical scholarships aggregating $10,000 annually. 100 scholarships for undergraduates, $20,000 annually.

Dates of beginning and ending sessions: September 22, 1927; June 21, 1928.

Catalog in December and President's report in May.

Achievements of year ending June 30, 1926: Benefactions totalling $500,000 include $250,000 by will of Frank A. Munsey. Study and reports on needs of college during next ten years by committees of faculty, alumni and undergraduates. Athletic department put on all-year basis.

Administrative officers: President, Kenneth C. M. Sills; Secretary, Clara Downs Hayes.

BRADLEY POLYTECHNIC INSTITUTE

PEORIA, ILLINOIS

Liberal Arts College and Technical Courses. Coeducational. Privately controlled; non-sectarian.

Founded by Mrs. Lydia Bradley.

Chartered, 1896. Opened, 1897.

The Peoria Musical College was made a part of the Institute in June, 1920, under the title "The Bradley Conservatory of Music."

At first Bradley Institute, besides the Horological Department, offered four years of academy and two years of college work. In 1920, college courses were added, leading to A.B. and B.S. degrees. Academy dropped in 1922.

Organization: Board of 8 trustees; self-perpetuating. Four year liberal arts college and technical courses; College of Music; School of Horology.

Endowment, $2,500,000. Income from endowment, $105,362. Income from other sources, $166,211. Total annual expenditures year ending June 30, 1926, $281,677. Endowment campaign, 1925–26, secured $670,281.

Grounds and Buildings: Campus, 28 acres. Total value of grounds, $495,000. Total present worth of buildings, $693,000. Total value of grounds, buildings and equipment, $1,188,830. One residence hall for women (22).

Library (1897), 20,000 volumes; 200 current periodicals.

Laboratories: Science Laboratories (1897).

Health program: Health examination of all Freshmen, twice a year; gymnasium (1908); athletic field.

Admission requirements: English 3; Mathematics 2, Science 1. The remaining 9 units may be taken from Foreign Language, English, Mathematics, Science, History, Civics, Commercial Geography. A student who desires to do so may present 4 units from a combination of such subjects as Agriculture, Commercial subjects, Home Economics, Shopwork, Drawing, Music.

Degree requirements: For A.B. or B.S., 120 semester hours, including: History 6, English, Science or Mathematics 6, Sociology 3, Psychology 3, Extemporaneous Speaking 2, Hygiene 1, In addition candidates for A.B. must present 4 years of Foreign Language (in high school or college), of which at least one year must be taken in the college, and two years must be in the same language.

General requirements: 2 years of physical education required of both men and women. Chapel attendance required.

Departments and Staff: Ancient Language: *Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Art: 0, 0, 2. Automobile: 0, 1, 1. Biology: 1, 0, 0. Business Administration: 0, 1, 1. Chemistry: 1, 1, 0. Education: 1, 0, 2. Electricity: 0, 1, 1. English: 1, 0, 5. History: 1, 0, 1. Home Economics: 1, 0, 4. Mathematics: 0, 1, 1. Mechanical Drawing: 0, 1, 2. Metal Working: 0, 0, 2. Modern Language: 1, 1, 1. Physical Education: 0, 1, 4. Physics: 1, 0, 1. Political Science and Sociology: 0, 1, 1. Woodworking: 0, 1, 1.

Enrolment for year ending June 30, 1926: 2,117: Men, 1,354; women, 763.

Fees: Tuition, $75 a semester. Matricula-

tion, $5; graduation, $5; other general fees, $12.50.

Scholarships: 40, $50–$150.

Employment bureau: Approximately 50 per cent of students earned part of way through college.

Dates of beginning and ending sessions: September 14, 1927; June 8, 1928.

Summer Session, 1928: June 11 to July 20.

University Extension: 14 evening classes with enrolment of 348.

Publications: Catalog in May. President's report in September.

Achievements of year ending June 30, 1926: Endowment campaign for $750,000. Late afternoon classes for adults.

Administrative officers: President, Frederic R. Hamilton; Dean of the College, Charles T. Wyckoff; Dean of Women, Mrs. Mary B. Huston; Dean of Men, Clarence W. Schroeder; Dean of Industrial Education, Albert F. Siepert; Registrar, Anna J. Le Fevre.

BRIDGEWATER COLLEGE

BRIDGEWATER, VIRGINIA

Name used for bequests: Bridgewater-Daleville College.

College of Liberal Arts and Science. Controlled by Church of Brethren.

Founded in 1880 as the Spring Creek Normal and Collegiate Institute. In 1882 name changed to Virginia Normal School. In 1889 new charter secured and name changed to Bridgewater College. In 1923 Bridgewater College and Daleville College were consolidated, the college work being done at Bridgewater, and the secondary work at Daleville, the two institutions operating under one charter as "The Bridgewater-Daleville College."

Board of 28 trustees.

Endowment, $470,000. Income from endowment, $20,000. Budget, $60,000. Campaign for $500,000 in progress.

Total value of grounds (30 acres), $390,000.

Library (1903), 15,000 volumes, including 4,000 government documents, 65 current periodicals.

Laboratories: Value of equipment: Chemistry, about $10,000; Physics, about $7,000.

Health program: Physical examination for entrance. Gymnasium (1908). Athletic field. Nurse and physician.

Admission requirements: 15 units, including English 3, Mathematics 3, Foreign Languages 2, History 1, Science 1. No conditions allowed.

Degree requirements: For B.A. (only degree conferred), 124 semester hours; 124 quality credits.

Departments and Staff: Biology and Agriculture: *Professors*, 0; *Associate Professors*, 1; *Assistant Professor*, 0; *Instructor*, 0. Chemistry: 1, 0, 0, 0. Education and Psychology: 0, 2, 0, 0. English: 1, 1, 0, 0. Foreign Language: 1, 0, 0, 1. History and Political Science: 1, 1, 0, 0. Home Economics: 0, 0, 0, 1. Mathematics and Physics: 1, 0, 0, 0. Music: 0, 1, 0, 2. Philosophy: 1, 0, 0, 0. Physical Education: 0, 1, 0, 0. Religion: 2, 1, 0, 0. Social Science: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 187. Total number of matriculates since foundation about 3,400.

Degrees conferred year ending June 30, 1926: A.B., 30. Total number of degrees conferred since foundation about 500.

Fees: Tuition, $120 a year; matriculation, $5; graduation, $7.50; lodging and board, $200. Annual expenses, $475.

Dates of beginning and ending sessions: September 19, 1927; June 6, 1928.

Summer session: June 20 to August 20.

Catalog in April. President's report in August.

Administrative officers: President, Paul H. Bowman, D.D.; Dean, Charles C. Wright; Registrar, Mattie V. Glick.

BRIGHAM YOUNG UNIVERSITY

PROVO, UTAH

Private coeducational institution, affiliated with Church of Jesus Christ of Latter-Day Saints.

Founded October 16, 1875. Degrees of B.A., B.S., M.A., and M.S. offered in these colleges which make up the University: College of Applied Science, College of Arts and Sciences, College of Commerce and Business Administration, College of Educa-

tion, College of Fine Arts. Extension Division, Graduate Division and Research Division also maintained.

Board of 12 trustees elected triennially by vote of members of Church of Jesus Christ of Latter-Day Saints acting through First Presidency.

Main source of income an annual church appropriation. Endowment of $250,000 becomes available in 1935. Total expenditures for year 1925–26, $449,912.57.

Nine buildings on campus of 100 acres valued at $750,000.

Library (1925) cost $165,000; 45,000 volumes.

Laboratories: Chemistry, Physics, Botany, Zoology and Entomology, Bacteriology, Foods and Nutrition, Clothing and Textiles, Geology, Psychology, Accounting, Mechanic Arts. Equipment valued at $100,000.

Major portion of Deseret Museum of Geology and Mineralogy of Salt Lake City given university in 1925.

Observatory on roof of Maeser Memorial Building.

Health program: Physical examination of all students entering University. University physician. Physical training prescribed for all Freshmen.

Admission requirements: 16 units. English 3; principal group of 3 or more units and secondary group of 2 or more units.

Degree requirements: 186 hours, at least 60 of which must be upper division work. Group requirements: Mathematics and Physical Science, 15 hours; Biological Science, 10 hours; Social Science, 15 hours; English, 15 hours; major, 30 hours; minor, 20 hours.

General requirements: At time of graduation student must have been in residence for at least 45 hours work. Number of hours credit designated by "A" and "B" grades presented by a candidate for graduation, shall at least equal number of hours designated by a "D" grade.

Departments and Staff: Accounting and Business Administration: *Professors*, 4; *Associate Professors*, 2; *Assistant Professors*, 1; *Instructors*, 1. Agronomy: 1, 0, 1, 1. Animal Husbandry: 1, 0, 0, 0. Art: 1, 1, 0, 2. Botany: 2, 0, 1, 0. Chemistry: 1, 0, 0, 2. Clothing and Textiles: 1, 0, 0, 1. Economics: 2, 1, 0, 1. Educational Administration: 3, 0, 3, 0. Elementary Teaching: 3, 1, 6, 8. English: 4, 1, 2, 7. Finance and Banking: 2, 1, 1, 0. Foods and Nutrition: 0, 0, 1, 2. Geology and Geography: 1, 1, 0, 1. History: 2, 0, 1, 0. Horticulture: 1, 0, 1, 0. Household Administration: 0, 1, 0, 1. Mathematics: 1, 0, 1, 1. Mechanic Arts: 0, 0, 1, 1. Modern and Classical Languages: 1, 1, 0, 1. Music: 1, 1, 2, 10. Office Practice: 1, 0, 0, 2. Philosophy of Education: 4, 0, 1, 0. Physical Education: 2, 1, 0, 3. Physics: 1, 0, 1, 1. Political Science: 1, 1, 0, 0. Psychology: 1, 0, 1, 0. Public Speaking and Dramatic Art: 1, 0, 0, 0. Secondary Teaching: 6, 0, 4, 9. Sociology: 1, 1, 2, 0. Theology: 18, 2, 8, 6. Zoology and Entomology: 2, 1, 0, 0.

Enrolment 1925–26, 1,350. University maintains in connection with College of Education an elementary training school with enrolment of 247 students, and secondary training school with enrolment of 200.

Degrees conferred year ending June 30, 1926: 120 degrees; 113 Normal diplomas.

Fees: Registration fee of $50 and student fee, $10 a year.

Dates of beginning and ending sessions: September 12, 1927; June 1, 1928.

Summer session: June 5 to August 23, 1928. Attendance, 1925, 504. Second term of summer session held at Aspen Grove on Mt. Timpanogos, where institution has acquired large tract of land and erected a number of buildings for both graduate and undergraduate work in natural sciences.

Extension Division offers courses by correspondence and conducts evening classes in a number of communities. Registration, 1925–26, 378. During "Leadership Week" in January short courses for civic and church leaders are offered at University with average attendance of 2,000.

Publications: Catalog in May. "Brigham Young University Quarterly," "Brigham Young University Studies."

Achievements of year ending June 30, 1926: First unit of library building completed at cost of $165,000. Campus enlarged by purchase of 50 acres. New athletic field.

Pension system and sabbatical leave established.

Administrative officers: President, Franklin Stewart Harris; Registrar, J. E. Hayes.

BROOKLYN POLYTECHNIC INSTITUTE

See: Polytechnic Institute of Brooklyn.

BROWN UNIVERSITY

PROVIDENCE, RHODE ISLAND

Name to be used for bequests: "Brown University, in Providence, in the State of Rhode Island and Providence Plantations."

University, including Liberal College for men, Women's College, Engineering and Graduate divisions. Privately controlled.

Charter of "Rhode Island College" granted by legislature, 1764. Seventh college in colonies. Project started by Baptists. Distinctive provisions of charter: "Into this Liberal and Catholic Institution shall never be admitted any Religious Tests but on the Contrary all the Members hereof shall forever enjoy full free Absolute and uninterrupted Liberty of Conscience"; and "The Sectarian differences of opinions, shall not make any part of the Public and Classical Instruction." 1765–91, College established in Warren with tutor and student. 1770, moved to Providence. Building of University Hall, known until 1823 as "The College Edifice." 1775, building of First Baptist Meeting House "for the publick Worship of Almighty God; and also for holding Commencement in." 1776–82, College closed. The "Edifice" used as barracks and hospital by American and French troops. 1804, name changed to Brown University in recognition of gift of $5,000 from Nicholas Brown. 1823, Hope College. 1811–27, Medical School. 1850, The New System: (1) Elective courses; (2) Development of courses in applied science; (3) New degrees and requirements. Important though not successful. 1836, First Greek-letter fraternity. 1855–67, Beginning of organized athletics. 1870, Commencement changed from September to June. 1897, The Women's College in Brown University established.

Self-perpetuating board of 42 trustees (22 Baptists, 5 Quakers, 5 Episcopalians, 4 Congregationalists, 6 without denominational specifications), and 12 fellows, including the President, of whom 8 are Baptists, the rest without denominational specifications. A certain number of trustees are nominated by alumni.

Graduate Department, School of Education, Division of Engineering, a Women's College on separate campus under immediate direction of an executive committee responsible to corporation.

Endowment, June 30, 1926, $8,367,743.30. Temporary funds, June 30, 1926, $1,016,541.59. Income from investments, 1925–26, $451,086.31. Income from students, $840,403.90. Income from other sources, $7,800. Total operating income, $1,299,290.21. Receipts for non-operating purposes, $737,704.49. Total receipts, $2,034,994.70. Total operating expenditures, $1,245,399.68. Total non-operating expenditures (chiefly building construction), $904,833.51. Total expenditures, $2,150,233.19. Budget for 1926–27—estimated operating income—$1,340,000.

Approximately 40 acres. Nine residence halls for men (525). Five residence halls for women (175). Grounds, $1,100,000. Buildings, $3,700,000.

John Hay Library (1910), 316,211 volumes, including government documents; 1,400 current periodicals. Special collections: (1) Harris collection of American poetry, 42,000 volumes. (2) Rider collection of Rhode Island History, 1,800 volumes, 8,000 pamphlets. (3) Wheaton collection of International Law, 1,600 volumes. (4) Church collection of South Americana, 3,500 volumes. (5) Corthell Engineering Library, 7,000 volumes. (6) Chamber Dante collection, 2,000 volumes. (7) Lester F. Ward's working library on paleobotany and sociology, 1,000 volumes. (8) McLellan-Lincoln collection, 6,000 items. (9) Metcalf collection of pamphlets, 10,000 items. (10) Hoffman Napoleon collection. (11) U. S. Government documents since 15th Congress, besides many previous ones. (12) Economics library, 21,200 volumes. (13) Collection of Constitutional conventions and printed constitutions, 330 volumes. (14) Olney botanical collection of books and specimens. (15)

Penniman Library of Education. (16) Harris collection of sheet music, 7,625 items. (17) Mathematics library, 5,800 volumes. (18) Biology library, 5,100 volumes. (19) History library built up on Gammell, Diman and Banigan funds. (20) Conant Germanic library, 8,000 volumes.

The Women's College in Brown University has a library in Pembroke Hall, 4,000 volumes.

John Carter Brown Library transferred to Brown University in 1904. Entirely separate in management from library of university. Special collection of Americana, North, Central, and South devoted to source material printed before 1801: 30,000 items.

Laboratories: Arnold Hall (1914), Biology, $81,000; Metcalf Hall (1923), Chemistry, $335,000; Wilson Hall (1891), Physics, $93,000; Rhode Island Hall (1842), Geology, $26,000; Maxcy Hall (1894), Botany, $44,000; Engineering Building (1903), $69,000, and additional structures, $60,000; Rogers Hall (1864), Chemical Research, $42,000.

Herbarium in Maxcy Hall, 80,000 specimens. Genus Carex particularly well represented, as it was the object of special study by Colonel S. T. Olney, founder of Herbarium in 1881. Geological Museum in Rhode Island Hall. Collection of portraits in Sayles Memorial Hall.

Ladd Observatory situated about a mile from campus. 12-inch refractor. Two 4-inch refractors and other equipment.

Health program: Athletic fields with 5 football gridirons, 4 baseball diamonds, etc. Football amphitheatre (23,000). Physical examination of all entering students. Division of University Health attached to Department of Biology. Part-time medical director and assistant medical director. Eight-bed infirmary with full-time graduate nurse. Medical office with full-time secretary. Two thousand consultations yearly. Mental hygiene and committee of neuropschyiatrists directing clinical care and instruction in this field. Instruction in hygiene and public health for most part incorporated in courses in Department of Biology. Women's College: Medical office and 6-bed Infirmary under care of full-time graduate nurse.

Admission requirements: General rule is that entrance conditions are not allowed, although a few students who give promise of future attainment are admitted every year with conditions. A student who has one or more entrance conditions, except in English or Mathematics, may remove such conditions by entrance examinations before the beginning of the Sophomore year. If not removed by the beginning of the Sophomore year, such entrance conditions become college deficiencies, and can be removed only by taking extra college courses. Entrance conditions in English or Mathematics may be removed by entrance examinations before beginning of Junior year. If not removed by that time, student having such conditions is dropped from college.

Requirement for B.A.: 15 units: English 3, Algebra 2, Plane Geometry 1, History 1, Foreign Language 5, including either 3 in Latin or 2 in Greek. Ph.B.: 15 units: English 3, Algebra 2, Plane Geometry 1, History 1, Foreign Language 2. B.S. in Engineering: 14½ units: English 3, Algebra 2, Plane Geometery 1, Solid Geometry ½, History 1; 3 from the following: Chemistry, Physics, Languages other than English. B.S. in Chemistry: 15 units: English 3, Algebra 2, Plane Geometry 1, History 1, Foreign Language 2.

Degree requirements: For A.B., Ph.B., and Sc.B. in Chemistry: 120 semester hours, including 84 hours above lowest passing grade. For S.B. in Engineering: 129 semester hours, including 72 hours above lowest passing grade. Report of special investigations required of candidates for S.B. in Engineering. Thesis required for higher degrees. Before end of Sophomore year, every student must confer with Committee on Educational Advice and Direction, and arrange co-ordinated and progressive program of courses, taking into consideration his scholarly ambitions or his prospective career. This program must comprise at least 4 year courses in the case of candidates for B.A., and 5 in case of candidates for Ph.B.; of these at least 3 and 4 respectively must be taken in Junior and Senior year. Not more than one elementary course can be counted in fulfilment of this requirement.

One year of Physical Education required of undergraduate men, including swimming, if necessary to pass prescribed test. Chapel attendance required. Orientation lectures for new students.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Biblical Literature: 1, 0, 1, 1. Biology: 4, 0, 4, 2. Botany: 0, 0, 1, 2. Chemistry: 1, 2, 3, 4. Economics: 1, 2, 3, 3. Education: 1, 0, 2, 0. Engineering: 3, 2, 4, 3. English: 5, 3, 5, 9. Geology: 0, 1, 1, 1. German: 0, 2, 0, 2. Greek and Latin Classics: 1, 3, 2, 1. History: 1, 2, 2, 2. Mathematics: 3, 0, 5, 2. Music: 0, 0, 1, 0. Philosophy: 2, 2, 0, 0. Physical Training: 1, 1, 1, 2. Physics: 0, 1, 2, 1; 1 Consulting Professor. Romance Languages: 1, 3, 3, 4. Social and Political Science: 1, 1, 3, 0. Library: 1, 0, 1, 0.

Enrolment for year ending June 30, 1926: graduate students, 190; undergraduate men, 1,370; School of Education, 86; Women's College, 463. Total, 2,109. Names counted twice, 8; net total, 2,101.

Degrees conferred year ending June, 1926: 414: A.B., 129; Ph.B., 204; Sc.B. in Engineering, 22; A.M., 32; Sc.M., 10; Ph.D., 5. Total number graduates since foundation, approximately 7,200 men; 1,500 women.

Fees: Annual fee, $350; graduation fee, Bachelor, $10; Master, $15; Doctor, $25; room, $2.50 to $10 a week; board, $7.50 to $15 a week. Student annual expense: Low, $750; liberal, $1,100.

Over 250 scholarships awarded annually with total annual value of $55,000. Stipend, $150–$400. Loans to students through cooperative arrangement with banking institutions; $50,000 available annually to 250 to 350 men, in amounts not to exceed $800 in 4 years of college, at 6 per cent interest. Fellowship funds, 17.

University funds ($2,000) to aid in defraying expenses of members of faculty in attending meetings of learned societies. University funds for aid in publication of research.

Employment bureau in 1925–26 placed 247 men. Nearly 30 per cent of student body received financial aid from university, either in form of scholarships or loans totaling $68,999.

College year always opens fourth Wednesday in September and closes third Wednesday in June.

University extension. October, 1925 series: 48 courses; total registration, 1,138. February, 1926, series: 43 courses; total registration, 1,134.

Publications: Bulletin issued 8 times a year, includes annual catalog (December) and President's report (October). Annual Colver lectures published since 1915–16.

Department of Biology gathers together reprints of articles by staff, and has issued 9 bound volumes of "Contributions from the Biological Department of Brown University."

Achievements of year ending June 30, 1926: $500,000 subscribed by alumni and friends to meet conditions of offer of $500,000 by two alumni. Completion of Marston Hall of Modern Languages, approximate cost $205,000. Littlefield Dormitory, approximate cost, $135,000. Hegeman Hall (dormitory) approximate cost, $265,000. Completion of Stadium with 20,000 seats, and new athletic fields of 27 acres. Contracts let for new Art Studio and classroom. Contracts let for addition to Engineering Laboratory. Building of Social Hall on Women's College campus begun; approximate cost, $400,000. Infirmary equipped and operated under medical director and assistant medical director. Arrangements made for psychiatric examination and treatment. Athletic control taken over by corporation and placed under immediate supervision of athletic council, composed of president or his representative, members of corporation, faculty and alumni. New loan system established. Faculty pension and annuity privileges extended. Office of vice-president established. Office of student counselor and director of religious activities established.

Bibliographical reference: Bronson, W. C., "The History of Brown University, 1764–1914." Published by the university, 1914.

Administrative officers: President, William Herbert Perry Faunce; Dean of the University, Otis Everett Randall; Dean of the Graduate Department, Rowland George Dwight Richardson; Dean of Freshmen, Kenneth Oliver Mason; Dean of the Wo-

men's College, Margaret Shove Morriss; Registrar and Secretary of the Faculty, Frederick Taft Guild; Registrar of the Women's College, Emma Bradford Stanton; Director of School of Education and Director of University Extension, Walter Ballou Jacobs; Student Counselor and Director of Religious Activities, Otta Troly Gilmore.

BRYN MAWR COLLEGE

BRYN MAWR, PENNSYLVANIA.

Name used for bequests: The Trustees of Bryn Mawr College.

College for women, privately controlled. Originally affiliated with Society of Friends; at present non-sectarian.

Founded by Dr. Joseph W. Taylor of Burlington, New Jersey.

Chartered by State of Pennsylvania, 1880. Opened, 1885.

Self-perpetuating board of 13 trustees and board of 21 directors, 13 of whom are members of board of trustees; 5 alumnæ; the remaining 3 any persons whose membership the board of trustees may deem appropriate.

Endowment, September 30, 1926, $5,974,108.09. Income from endowment, 1924–25, $275,650.98. Income from students' fees, rents, etc., $577,526.07. Estimated expenditures for 1926–27, $731,024.08. Alumnæ fund of $560,000 for endowment of Department of Music and erection of an auditorium, Goodhart Hall.

Grounds and buildings: 58 acres. Sixteen buildings, not including the President's house, the Deanery, and nine houses occupied by members of the faculty. Seven halls of residence (409).

Library (1907), 107,821 volumes, 10,000 pamphlets, 600 current periodicals. Special collections: Classical library of Professor Sauppe of Göttingen; Semitic library of Professor Amiaud of Paris, and German library of Professor Karl Jessen.

Laboratories: Dalton Hall (1892), cost $81,986.95: Physics, Biology, Chemistry, Geology. Laboratories of Experimental Psychology and an experimental laboratory for Department of Education in library. Equipment: Physics, $36,000; Chemistry, $10,000; other departments, $40,000.

Health program: All entering students required to file report of recent medical examination and certificate of successful vaccination or of two unsuccessful vaccinations within two years. Every undergraduate student examined each year by resident physician, and twice each year by director of physical training. An oculist examines each student in her Freshman and Junior years. Gymnasium (1909); infirmary (1913). Physician in chief, resident physician, three nurses. Physical culture, including swimming, required.

Admission requirements: College board examinations in following subjects must be taken by all candidates for admission: Ancient Language 4 units, English 3, Mathematics 3, Physics 1, Ancient History 1, Second Foreign Language 3. No conditions allowed. Application for admission must be filed before April 15 of year in which entrance is desired.

Degree requirements: For A.B.: Attendance at Bryn Mawr College for a period of 4 years (by permission of Curriculum Committee obtained in advance, work done at some other college may, in special cases, be substituted for one of the 4 years); examinations in work amounting to 120 hours, in which an examination grade of "merit" or over must be obtained in one half of these 120 hours; a reading knowledge of French and German and the fulfilling of the requirements of the Department of Physical Training. Required subjects (36 hours): Ancient Language, English, Philosophy, Psychology and Science. Major subject and allied subjects, 50 hours; and electives 34 hours. For M.A.: Candidate must be a graduate of some recognized college, and must satisfy Committee on Graduate Students that work done has been equivalent to that for which the degree of A.B. is given at Bryn Mawr College, and must have a reading knowledge of French and German, and be able to write correct English. She must present credits in English Literature or literature of other languages, have a knowledge of Latin of the standard of Cæsar and Cicero, and an undergraduate credit of 18 semester hours in two or more of the subjects of Philosophy, Psychology, Laboratory Science or Mathematics. Every candidate must attend 3 unit graduate courses, but 5 hours of ad-

vanced undergraduate work may be substituted for one of them. For Ph.D.: Work amounting to 3 years (a minimum), 2 years of which must be at Bryn Mawr College; knowledge of French and German, and an acquaintance with Latin; attendance at 8 unit graduate courses, the course consisting of one principal and one or more subordinate subjects divided between two departments, and work in 3 journal clubs; dissertation must be result of independent investigation.

General requirements: All students must live in dormitories on the campus, or with their families in the neighborhood.

Departments and Staff: Biblical Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Lecturers*, 0; *Instructors*, 0. Biology: 1, 2, 0, 0, 1. Chemistry: 1, 0, 1, 0, 1. Classical Archæology: 1, 1, 0, 1, 0. Economics and Politics: 2, 0, 1, 0, 0. Education: 1, 0, 1, 0, 0. English: 4, 2, 0, 1, 5. French: 1, 0, 3, 1, 0. Geology: 1, 1, 0, 0, 0. German: 1, 1, 0, 0, 3. Greek: 2, 0, 0, 0, 0. History: 2, 0, 1, 1, 0. History of Art: 1, 1, 0, 0, 0. Italian: 0, 0, 1, 0, 1. Latin: 1, 2, 1, 0, 0. Mathematics: 1, 0, 1, 0, 1. Music: 0, 1, 0, 0, 1. Philosophy: 1, 1, 0, 0, 0. Physics: 2, 0, 0, 0, 1. Psychology: 3, 0, 0, 0, 0. Spanish: 0, 1, 0, 0, 1. Carola Woerishoffer Graduate Department of Social Economy and Social Research: 1, 1, 1, 1, 0. Special Lecturer 1.

Enrolment, 524: graduate students, 103; undergraduates, 402; residence fellows, 17; hearers, 2.

Degrees conferred year ending June 30, 1926: A.B., 81; M.A., 16; Ph.D., 4. Total number of degrees conferred since foundation, 2,581.

Fees: Annual undergraduate fees, liberal, $1,270; low, $770. Tuition (payable October 1), $300; room-rent minimum, $50; other rooms up to $550 a year (payable October 1); infirmary fee, $20 (payable October 1); board, payable in equal instalments (October 1 and February 1), $400. For tuition, residence and infirmary fee for the academic year, with minimum room rent, $770; laboratory fees $15 to $30 a year.

Scholarships and fellowships: 4 graduate European fellowships ($500 to $1,500) and 1 undergraduate European scholarship awarded to a member of the Senior Class with the highest record ($500); one resident fellowship ($1,200); 22 ($810 each); 20 graduate scholarships ($350 each); Memorial Scholarships in Social Economy and Social Research ($350 to $550). For foreign women: 8 graduate scholarships ($720 each). Many undergraduate scholarships, one in every seven students having a full or partial scholarship, or receiving assistance from Loan Fund. Some tuition scholarships are for the entire four years, as are the Alumnæ Regional Scholarships, but the majority of scholarships are held during Sophomore, Junior or Senior year. All undergraduate scholarships vary from $100–$500.

First semester begins the last Wednesday of September and continues for 17½ weeks; the second semester begins the first Wednesday of February and continues for 17 weeks, ending the first Thursday in June.

Bryn Mawr College Calendar in April.

Administrative officers: President, Marion Edwards Park; Dean, Helen Taft Manning; Registrar, Edith T. Orlady; Officer in Charge of Foreign Students, Eunice Morgan Schenck.

BUCKNELL UNIVERSITY

LEWISBURG, PENNSYLVANIA

Privately controlled college for men and women. Separate grounds and buildings for women. Affiliated with Baptist denomination.

Founded as "the University at Lewisburg" in 1846. In 1886 name changed to Bucknell University in honor of William Bucknell of Philadelphia.

Self-perpetuating board of 30 trustees. Three-fifths must be members of Baptist churches.

Endowment, $1,087,000. Income from endowment, $54,000. Income from students, $413,000. Total annual expenditures year ending June 30, 1926, $452,199.33. Endowment funds increased by $281,729.63, of which $95,202.44 was given by General Education Board.

Grounds and buildings: Total value of grounds, 70 acres, $47,000. Total present worth of buildings, $737,100. Total value of

grounds, buildings, and equipment, $1,073,-420.

Library (1905), 45,000 volumes, 350 current periodicals.

Laboratories: Engineering (1920), cost $100,000; equipment, $4,811.71. Chemistry (rebuilt 1920), value $90,000; equipment, $5,663.12. Biology (remodeled 1926), value $90,000; equipment, $6,942. Total scientific equipment, $126,320.

Observatory (1887; enlarged in 1905), 10-inch Clark refractor.

Health program: Full time college physician. Infirmaries for men and women. Two nurses. Examination by physician and physical director of all Freshmen and Sophomores.

Admission requirements: 15 units. No conditions allowed. 12 units specified; 3 may be chosen from a prescribed list of electives.

Degree requirements: A.B., 120 semester hours; B.S., 144 semester hours; B.S. in Education, 120 semester hours. Quality credits: 120 for all courses. In A.B. course 50 hours prescribed; in Science courses work largely prescribed. Major of 24 hours; two minors of 12 hours each.

Chapel attendance required of all students except Seniors.

Departments and Staff: Biology: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Chemistry and Chemical Engineering: 3, 0, 1, 1. Civil Engineering: 0, 0, 1, 1. Drawing: 0, 0, 1, 0. Economics: 1, 0, 1, 0. Education: 2, 0, 0, 1. Electrical Engineering: 1, 0, 2, 2. English: 5, 0, 1, 3. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 2, 0, 0, 1. Home Economics: 1, 0, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 3, 0, 1, 0. Mechanical Engineering: 1, 0, 0, 2. Philosophy: 2, 0, 0, 0. Physics: 1, 0, 1, 1. Political Science: 1, 0, 1, 0. Religious Education: 1, 0, 0, 0. Romance Languages: 1, 0, 2, 2. Sociology: 1, 0, 0, 0. Surveying: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: 1,065: Men, 715; women, 350.

Degrees conferred year ending June 30, 1926: A.B., 94; B.S., 65; B.S. in Education, 19; A.M., 11; M.S., 5. Total number of degrees conferred since foundation, 3,200.

Fees: Expenses of men, including tuition and room but not board, $154 a semester; women, including tuition, room and board, minimum, $309.

Scholarships: 97. Stipend usually $100 a year.

Dates of beginning and ending sessions: Middle of September to middle of June.

Summer session: About July 5 to middle of August. 12 departments offered (1926), 60 courses. Attendance, 1925, 293.

University extension: Saturday and extension courses.

Catalog in January.

Achievements of year ending June 30, 1926: Establishment of infirmary for men, with college physician and full-time physical director.

Administrative officers: President, Emory W. Hunt; Dean, Romeyn H. Rivenburg; Dean of Women, Amelia E. Clark; Registrar, H. Walter Holter.

BUFFALO, UNIVERSITY OF

See: University of Buffalo.

BUTLER UNIVERSITY

INDIANAPOLIS, INDIANA

Coeducational, privately controlled university, comprising Butler College, College of Religion and affiliated and associated institutions.

Chartered by Indiana Legislature in 1849 as North Western Christian University, a joint stock company. Opened November 1, 1855 in College Avenue, Indianapolis. Moved to Irvington in 1875. In 1877 name changed to Butler University in honor of Ovid Butler, a benefactor. Butler College as name of undergraduate organization was adopted in lieu of Butler University in 1896, the name of the corporation remaining the same—Butler University. In 1909 the stockholders created a self-perpetuating board of 21 trustees. College of Religion established 1924.

Board of 21 directors.

Endowment, $1,100,000. Income from endowment, $56,000. Income from other sources, $214,000. Total annual expenditures year ending June 30, 1926, $258,000.

Budget, 1926–27, $286,000. Building fund gifts and pledges, 1925–26, $1,200,000.

Grounds and buildings: Residence hall for 36 women. Total value of grounds: Old, $500,000; new, $200,000. Total present worth of buildings, $500,000. Total value of grounds, buildings, and equipment, $900,000.

Bona Thompson Memorial Library (1903), 25,000 volumes; 300 current periodicals.

Laboratories: Science Building ($100,000) Biology, Chemistry, Physics.

Health program: Required physical examination of all students. Gymnasium, athletic field.

Admission requirements: 15 units, including English 3, Mathematics 2, Foreign Language 3, History 1, Science 1.

Degree requirements: 124 hours, including 4 in physical training. 124 credit points. Prescribed courses: English 6 hours, Foreign Language 20, Mathematics or Science 10. Social Science 16; major subject 30.

Chapel attendance required.

Departments and Staff: Botany: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Chemistry: 1, 0, 2, 0. Economics: 3, 0, 2, 2. Education: 1, 1, 3, 1. English: 3, 1, 3, 4. German: 1, 0, 1, 1. Greek: 1, 0, 0, 0. History: 1, 0, 2, 1. Home Economics: 0, 1, 0, 1. Journalism: 1, 0, 0, 2. Latin: 1, 0, 0, 1. Mathematics: 1, 0, 1, 1. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 0, 4. Physics: 1, 0, 1, 0. Public Speaking: 0, 1, 0, 1. Romance Languages: 1, 1, 4, 6. Sociology: 1, 0, 0, 0. Zoology: 1, 0, 1, 2. College of Religion: 3, 2, 0, 2.

Enrolment for year ending June 30, 1926: Men, 892; women, 993.

Degrees conferred year ending June 30, 1926: 200. Total number of degrees conferred since foundation, 2,000.

Fees: Tuition, $160 a year; graduation fee, $5; annual expenses including living expenses, liberal, $600; low, $465.

Employment bureau.

Dates of beginning and ending sessions: September 21, 1927; June 18, 1928.

Summer session: June 18 to August 11, 1928. 15 departments offer 70 courses. Attendance 1925, 352.

University extension for teachers.

Catalog in June.

Achievements of year ending June 30, 1926: Building on new site begun in August, 1926.

Administrative officers: President, Robert J. Aley; Dean of Butler College, J. W. Putnan; Dean of College of Religion, F. S. Kerchner; Dean of Women, Evelyn Butler; Registrar, Sarah E. Cotton.

CALIFORNIA INSTITUTE OF TECHNOLOGY

PASADENA, CALIFORNIA

Privately controlled College of Science and Engineering for men; majority of members of board may not be members of one denomination. Graduate research in Physics, Chemistry and Mathematics under Robert A. Millikan, Arthur A. Noyes, Harry Bateman, Paul S. Epstein and others.

Offers instruction of collegiate grade in the fundamental sciences, and in the various branches of engineering, and conducts research in these fields.

Work of the institute on the present campus began when Throop Hall was erected (1910). When Gates Chemical Laboratory was erected in 1917 Dr. Arthur A. Noyes became its director. In 1921 Dr. R. A. Millikan became director of the Norman Bridge Laboratory of Physics.

The General Education Board has given an endowment of $300,000 for salaries; the Carnegie Foundation for the Advancement of Teaching an endowment of $40,000 for teachers' insurance and annuities; the Carnegie Institution of Washington, $30,000 a year for five years for support of research on the structure of matter and radiation, under the direction of Drs. R. A. Millikan and A. A. Noyes; the Carnegie Corporation of New York, $25,000 for the establishment of a department of instruction and research in Geology, and $100,000 for general endowment. The Rockefeller Foundation has, through the National Research Council, provided payments totalling about $37,500 a year to National Research Fellows now

working at the institute. An endowment of $60,000 has also been given by Robert Roe Blacker and Nellie Canfield Blacker for the support of research and for scholarships for undergraduate and graduate students.

Self-perpetuating board of 15 trustees elected for terms of five years, 3 chosen each year.

The work of the institute in general is not segregated into schools, divisions, or departments, with the exception of the Daniel Guggenheim Graduate School of Aeronautics. Four-year and 5-year courses in Engineering and Science. Four-year courses lead to degree of S.B.; 5-year courses to degree of M.S. Graduate work offered in Physics, Chemistry, Mathematics, Engineering, Aeronautics, Geology and Paleontology, leading to the degrees of M.S. and Ph.D.

Endowment, $6,467,000, August 31, 1925, partly subject to annuities. Income from endowment, 1926–27, $195,000. Income from tuition, $110,000. Income from donations and subscriptions, $55,000. Miscellaneous income, $8,450. Appropriations by Educational Foundations, $52,500. Total annual expenditures year ending August 31, 1926, $375,000 (not including $200,000 expended for buildings). Budget, 1926–27, $375,000. Most notable recent financial item is appropriation by the Daniel Guggenheim Fund for Promotion of Aeronautics, Incorporated, of $305,000 for establishment of the Daniel Guggenheim Graduate School of Aeronautics.

Gounds and buildings: Total value of campus, buildings, and equipment, $1,600,000.

Libraries: General Library, the Norman Bridge Library of Physics, Webb Library and Chemistry Library: 17,399 volumes; 156 current periodicals.

Laboratories: Norman Bridge Laboratory of Physics (1920–23), $550,000; equipment, $100,000. Gates Chemical Laboratory and Annex (1917), $200,000; equipment, $77,000. High Potential Laboratory (1924), $145,000. Equipment in Electrical Engineering, $32,000; Civil and Mechanical Engineering, $31,000. Laboratory of Steam Engineering, Seismological Laboratory, Engineering Research Laboratory completed.

Observatory: Institute is closely associated with the Mt. Wilson Solar Observatory of the Carnegie Institution.

Health program: Physician's certificate and vaccination required. Medical examinations required of all entering students; physical training required during first three years.

Admission requirements: 15 units, including English 3, Mathematics 3, Physics 1, Chemistry 1, U. S. History and Government 1. In addition 3 must be selected from English, Mathematics, Laboratory Science or History. Entrance examinations and certificate from approved school required.

Departments and Staff: Aeronautics: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Applied Mechanics: 1, 1, 0, 1. Chemistry: 4, 2, 0, 1. 4 Research Associates. Civil Engineering: 1, 1, 0, 1. Economics and Government: 2, 0, 1, 1. Electrical Engineering: 1, 0, 1, 1. Engineering Drawing: 0, 0, 0, 2. English and History: 2, 1, 0, 4. Geology and Paleontology: 2, 0, 0, 0. Hydraulics: 1, 0, 0, 1. Languages: 1, 0, 0, 0. Mathematics: 2, 1, 1, 1. Mechanical Engineering: 2, 0, 0, 3. Military Training: 1, 0, 1, 2. Physical Education: 1, 0, 0, 1. Physics: 5, 1, 1, 1. 1 Research Associate. Shop Instruction: 0, 0, 0, 4. In addition to the regular staff, the Institute has added to this staff, for periods varying from a few weeks to a complete term, such men as H. A. Lorentz and Paul Ehrenfest of Holland, John J. Abel of Johns Hopkins, Vilhelm Bjerknes of Norway, William B. Munro of Harvard, and A. A. Michelson.

Enrolment for year ending June 30, 1926: Graduate students, 62; undergraduates, 458. Total number of matriculates since foundation, 2,166.

Degrees conferred June 10, 1926: 126: Ph.D., 15; M.S., 6; B.S., 105. Total number of degrees conferred since foundation: 620: Ph.D., 35; M.S., 22; B.S., 556; A.B., 7.

Fees: Tuition, $250 a year. Student body fee, $10 a year. No other fees. Dormitory room, $75 to $115 a year. Cafeteria. Estimated expenses, liberal, $1,015; low, $740.

About 50 fellowships and assistantships

in Physics, Chemistry, Mathematics and Engineering, carrying stipends from $750 to $1,000 for ten months service. Tuition of such appointees is $180 a year until admitted to candidacy for the doctor's degree, and $90 a year thereafter. Fellowships established by the Dupont Powder Company, the Pacific Gasoline Company, and the Westinghouse Electric Company provide for special research. Ten competitive undergraduate scholarships.

Capital funds for research in Physics, $500,000. Endowment for research in Chemistry, $400,000. In addition the Carnegie Corporation of New York has provided for five years a fund of $15,000 a year, to be used for researches in Chemistry, and a like fund to be used for researches in Physics. The Daniel Guggenheim Fund for the Promotion of Aeronautics, Incorporated, has appropriated a fund of $5,000 a year for five years for research in that field. The Standard Oil Company provides $5,000 a year for three years, for research on internal combustion engines.

Employment bureau: About 5 per cent of students earn entire expenses; about 30 per cent earn part of expenses during college year.

Dates of beginning and ending sessions: First term, September 23, 1926 to December 18, 1926; second term, January 3 to March 19, 1927; third term, March 28 to June 11, 1927.

Catalog in December.

Achievements of year ending June 30, 1926: Establishment of the Daniel Guggenheim Graduate School of Aeronautics. Provision for establishment of courses and research work in Geology and Paleontology under direction of Dr. John P. Buwalda and Dr. Chester R. Stock. Formation of California Institute Associates, 100 prominent professional and business men and women of Southern California to promote the interests of the institute.

Administrative officers: Chairman, Executive Council, Robert A. Millikan; Dean of Upper Classmen, Frederic W. Hinrichs; Dean of Freshmen, John R. MacArthur; Secretary, Edward C. Barrett; Registrar, Harry C. Van Buskirk.

CALIFORNIA, SOUTHERN UNIVERSITY OF

See: University of Southern California.

CALIFORNIA, UNIVERSITY OF

See: University of California.

THE CANISIUS COLLEGE OF BUFFALO, N. Y.

BUFFALO, NEW YORK

College of Arts and Sciences; privately controlled by the Society of Jesus.

Opened in 1870. In 1911 erection of present college building on Main Street and Jefferson Avenue, was begun. The college classes were transferred to the new building on January 6, 1913, leaving the old structure entirely for high school purposes.

Board of 10 trustees, members of the Society of Jesus.

Financial resources: Only source of income is tuition. Total annual expenditures for the year ending June 30, 1926, $137,030.28. Total expenditures for new buildings and equipment, $329,193.63.

Health program: Athletic field. Gymnasium being erected.

Admission requirements: 15 units (4 full years of high school). One condition permitted; must be removed within the first year.

Degree requirements: For bachelor degrees, 136 semester hours. Prescribed courses during first two years. 24 semester hours work in the elective branches are required. No candidate registered in Teachers Courses (afternoon and evening sessions) will be granted a Master's degree until 2 years, or at the very least 1 year and 2 Summer Sessions after date of receiving Bachelor's degree. Required: At least 30 credits, 18 of which shall be in major and 6 in each of two minors. Dissertation required.

All Catholic students required to attend all religious exercises.

Grounds (11 acres) valued at $250,000;

buildings valued at $600,000. Total value of grounds, buildings, equipment, $1,180,000.

Library in two sections: Students Library, 8,500 volumes, including 1,000 volumes of government documents; Faculty Library, 10,000 volumes, including 1,500 volumes of government documents.

Laboratories: Physics, Chemistry and Biology. Value of equipment, $125,000.

Museum: Early printed Bibles and patristic works.

Seismological Observatory.

Departments and Staff: Ancient Languages: *Professors*, 4; *Associate Professors*, 2; *Assistant Professors*, 0; *Instructors*. Astronomy: 1, 0, 0, 0. Biology: 1, 0, 0, 5. Business Administration: 2, 0, 0, 0. Chemistry: 2, 0, 1, 6. Education: 4, 0, 0, 0. English: 4, 3, 3, 0. Mathematics: 1, 0, 1, 0. Philosophy: 4, 0, 0, 0. Physics: 2, 0, 0, 3. Romance Languages: 3, 1, 0, 0. Social Science: 2, 0, 1, 0.

Enrolment for year ending June 30, 1926, 501.

Degrees conferred year ending June 30, 1926, 115.

Fees: Annual tuition, $200; matriculation, $5; graduation, $15; laboratory fees, $10 to $15; annual library fee, $7.50; annual athletic fee, $10.

Scholarships: 40, $600 each; 9 annual scholarships, $150 each; 10 State scholarships, $100 each.

Dates of beginning and ending sessions: September 13; June 17, 1927.

Summer session: July 6 to August 10, 1926. 12 departments offered 62 courses. Attendance, 1925, 357 students.

University extension: Afternoon and evening sessions for men and women. Attendance, 384.

Catalog in January.

Achievements of year ending June 30, 1926: Completion of two wings of the college building. Stadium, 10,000 people. Addition of 3 new scholarships.

Administrative officers: President, Rev. Peter F. Cusick, S. J.; Dean of Studies, Rev. Joseph F. Begland, S. J.; Dean of Discipline, Rev. Aloysius R. Mack, S. J.; Student Counsellor, Rev. Anthony M. Guenther, S. J.; Registrar, Daniel T. Bagen.

CAPITAL UNIVERSITY

BEXLEY, COLUMBUS, OHIO

College; coeducational; privately controlled; Lutheran.

Chartered March 7, 1850, by General Assembly of State of Ohio. Founded to provide academic preparation for seminary founded in 1830. Academy, College of Liberal Arts, School of Music, Normal Training School, Graduate School of Theology.

Board of 15 trustees elected by Evangelical Lutheran Joint Synod of Ohio in biennial sessions.

Endowment, $546,105.96. Income from endowment, $17,926.34. Income from church for current expenses, $54,480. Income from student fees, etc., $53,630.63. Total annual expenditures year ending June 30, 1926, $103,744.25. Budget, 1926–27, $122,300. Notable financial items, gifts $11,500 for chimes; $54,480 from church.

Grounds and buildings: Campus of 21.48 acres. Two dormitories for men (150; 85). Value of grounds, $213,000. Present worth of buildings, $561,500. Total value of grounds, etc., $861,628.

Library (1914), 12,000 volumes; 42 current periodicals.

Laboratories: Science Hall, $10,000.

Health program: Medical examination of all new students. Gymnasium (1906), value $35,000.

Admission requirements: 15 units, including English 3, Algebra and Plane Geometry 2, U. S. History and Civics 1, Physics or Chemistry 1, Foreign Language 2. Two units of condition are allowed; must be removed before beginning of the Sophomore year.

Degree requirements: Three degrees are conferred: A.B., S.B., B.P.S.M. For each 128 semester hours and 160 quality points required, largely prescribed. 2-year diploma course in Elementary Education; 2-year diploma course for mission and church workers; 3-year diploma course in Public School Music. Associated with the college is a theological seminary offering a 3-year course for Lutheran ministry.

Physical Education required of all stu-

dents during Freshman and Sophomore years. Daily chapel attendance required.

Departments and Staff: Biology: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Chemistry: 1, 1, 0, 0. Economics: 0, 0, 0, 1. Education: 2, 0, 0, 1. English: 1, 1, 0, 1. Engineering Drawing: 1, 0, 0, 0. French: 0, 0, 1, 0. German: 1, 0, 0, 1. Greek and Latin: 1, 0, 0, 1. History: 1, 0, 0, 1. Mathematics: 1, 1, 0, 0. Music: 1, 0, 0, 3. Philosophy: 1, 0, 0, 0. Physics: 0, 0, 0, 1. Public Speaking: 0, 0, 0, 1. Religion: 1, 0, 0, 0. Spanish: 0, 0, 0, 1. Theology: 4, 0, 0, 0.

Fees: Tuition, $50 a semester; activities fee, $8; incidentals fee, $7.50; laboratory fees, $4–$5. Student annual expenses: Low, $350; liberal, $500.

Scholarships: 95 scholarships ($40 each); 1 fellowship ($500).

Employment bureau: 80 per cent of students earn their way in whole or part.

Dates of beginning and ending sessions: First semester, September 12, 1927 to January 27, 1928; second semester, January 30, 1928 to June 13, 1928.

Summer session: June 18 to July 27, 1928.

Enrolment, 1925–26: College, 245; Normal Training School, 89; Theological Seminary, 69; Academy, 62; School of Music, 361.

Degrees conferred in June, 1925: A.B., 30; S.B., 3. Total number degrees conferred since foundation, 693.

Catalog in March.

Achievements of year ending June 30, 1926: Campaign for endowment and building, $819,000. Buildings under construction: Women's dormitory, Assembly Hall, Music Conservatory, central heating plant.

Administrative officers: President, Otto Mees; Dean, R. V. Smith; Registrar, Ross Wildermuth; Dean Graduate School of Theology, R. C. H. Lenski.

CARLETON COLLEGE

NORTHFIELD, MINNESOTA

Coeducational College of Liberal Arts.

Founded as Northfield College in 1866 by a board of trustees nominated by the Minnesota Conference of Congregational Churches. Preparatory school opened in 1867. Present name adopted in 1872, in honor of William Carleton of Charleston, Massachusetts, an early benefactor.

Self-perpetuating board of trustees. No denominational restrictions. Co-operative relations with the Congregational churches of Minnesota maintained since the founding of the college. Similar relations were established with the Baptist denomination in 1916, and with the Episcopal Church in 1923. Pillsbury Academy, a Baptist preparatory school at Owatonna, Minnesota, and Seabury Divinity School (Episcopal) at Faribault, Minnesota, are affiliated institutions. Academy discontinued in 1903. A separately organized Conservatory of Music reorganized in 1924 as a department of the college. A sharp line of distinction is drawn between the educational work of the college and all "service activities." All service properties, including dormitories, dining halls, college tea-room, bookstore, heating-plant, college farm, etc. (valued at about $1,500,000), are owned and operated by the Carleton Corporation, which is a separate corporation affiliated with the college. All service properties are conducted on a "self-supporting, non-profit-making" basis.

Financial resources: Endowment June 30, 1926, $2,264,347.52 (counting net value of annuities). Budget for 1926–27 for expenditures for educational purposes, $365,000. Additional expenditures for scholarships, retiring allowances, athletics, health service, lectures and concerts, publicity and promotion, dormitories, dining halls, etc., increase the current budget to a little over $800,000.

Grounds and buildings: Campus of 50 acres includes the George Huntington Lyman Memorial Lakes, constructed in 1916–17. Laird Athletic Field, 15 acres. College farm, 300 acres. Fifteen buildings, including 4 dormitories, valued at $3,000,000.

Library (1896), 70,000 volumes, 20,000 pamphlets, 600 current periodicals. Special collections: John H. Gray Collection in Economics; Fred B. Hill Collection in the History of Religion; Ambrose W. Vernon Collection in Biography; Robert Huntington Fletcher Collection in English Litera-

ture, and Cordenio A. Severance Library of Political and Social Science. The latter has an endowment of $100,000.

Laboratories: Laird Science Hall (1905) and Leighton Hall of Chemistry (1920), valued at (including equipment) $475,000.

Goodsell Observatory (1887): 16.2 inch and 8.25 inch refractors; 14 smaller telescopes. Library of Observatory: 2,500 volumes; 4,000 pamphlets. Popular Astronomy published monthly; originally called the Sidereal Messenger, later, Astronomy and Astro-physics; since 1893 known by present name.

Health program: Physical examinations required of all entering students. Health Service in charge of a full-time physician. Hospital (20 beds) in charge of registered nurse under direction of college physician.

Gymnasium (1910). Swimming pool. Stadium (10,000), cost $100,000. Athletic field for women ($10,000). Three years work in Physical Education required of both men and women. Courses include teachers' courses in methods of physical education and practice teaching.

Admission requirements: 15 units, including English 3, Mathematics 2, and Foreign Language 2. No conditions allowed.

Degree requirements: 120 semester hours plus 6 hours in physical education. An equal number of "grade" credits required. Each student also required to have at least 6 hours of Laboratory Science, at least 6 hours of either History of Religion or Philosophy, a major in one division, and a minor in 3 divisions. Honors Courses offered in various fields of concentration. Candidates for honors may be excused from part of required work, and must present a satisfactory thesis.

Only degree of B.A. offered for undergraduate work. Limited opportunities provided for work leading to degree of M.A.

General requirements: All students are required to take their meals in the college dining halls. Dormitories are provided for all women students and for most of the men. No student is permitted to have or use an automobile while college is in session. Daily chapel attendance required.

Departments and Staff: I. Division of Language and Literature includes Departments of English: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 2; *Instructors*, 4. German: 0, 0, 3, 1. Greek: 1, 0, 0, 0. Latin: 1, 0, 1, 0. Romance Languages: 1, 0, 3, 1. II. Division of Philosophy, Religion and Education includes Departments of Biblical Literature, History of Religion and Religious Education: 1, 0, 1, 0. Biography: 1, 0, 0, 0. Philosophy: 1, 0, 0, 0. Psychology and Education: 1, 0, 1, 1. III. Division of Political and Social Science: Economics and Business Administration: 3, 0, 1, 0. History and Government: 1, 0, 1, 0. Home Economics: 0, 0, 1, 0. Sociology: 1, 0, 0, 0. IV. Division of Science: Astronomy: 1, 0, 0, 1. Biology: 2, 0, 0, 2. Chemistry: 2, 0, 0, 1. Mathematics: 1, 0, 2, 0. Physics: 1, 0, 0, 1. V. Division of Fine Arts: Art: 1, 0, 1, 1. Music: 2, 0, 2, 6. Public Speaking, including Drama: 1, 0, 1, 1. VI. Division of Hygiene, Physical Education and Athletics: Hygiene and Public Health: 1, 0, 0, 0. Physical Education and Athletics for Men: 1, 0, 1, 2. Physical Education and Athletics for Women: 0, 0, 1, 2.

Enrolment for year ending June 30, 1926: 865: Men, 448; women, 417. 34 local special students in Art, Music and Home Economics. A total of 7,825 have been matriculated since founding of the college.

Degrees conferred during year ending June 30, 1926: B.A., 142; M.A., 3. Degrees conferred since founding of the college, 2,214.

Fees: Annual tuition fee $250, which includes all charges for instruction except special fees for individual instruction in Music and Art, and for materials consumed in Biology, Chemistry, Physics, and Home Economics; matriculation fee, $10; student privilege fee, $15; student health fee (including privileges of college hospital, etc.), $10; charge for board is $250 a year; rooms from $130 to $250. Estimated total student expense from $800 to $1,200 a year.

Scholarships and fellowships: During year ending June 30, 1926, scholarships amounting to $18,484.16 were awarded. Loans totaling about $20,000 were arranged through the Carleton Corporation. It is part of the permanent policy of the college to include in the student body, to the extent of about one-

third of the entire enrolment, students who require financial assistance. Two fellowships in Astronomy, each with a stipend of $500 available for qualified graduates of any college or university.

Research: Special appropriations and reduced teaching schedules are arranged for those who have promising research in hand. Secretarial services are also provided, and limited assistance in publishing.

Employment bureau and appointments office. About 28 per cent of the students enrolled during year ending June 30, 1926, were employed.

First semester begins on Tuesday nearest September 15; second semester on Tuesday nearest February 1. Commencement on Monday preceding the 15th of June.

University extension: During the Christmas vacation a 3-day institute is conducted for ministers of all denominations. The college also arranges special courses of lectures. The Carleton radio station, KFMX, broadcasts lectures by members of the faculty, etc.

Publications: Bulletin, including Announcements, Annual Catalog (in March), annual reports, etc., published four times a year. The Carleton Circle, published six times a year.

Achievements of year ending June 30, 1926: On February 15, 1926, college completed a campaign for $2,350,000, $1,200,000 for endowment, the balance for buildings, equipment, and current expenses. Additional gift of $100,000 for stadium. Additional gift of $50,000 to Cordenio A. Severance Foundation for Political and Social Science.

Carleton Mission supported by students and faculty members, contributes $1,500 annually for educational work at Fenchow-fu in Shansi, China.

Bibliographical references: A History of Carleton College, Revell and Company, Chicago, 1904. Congregational Work of Minnesota, edited by Dr. Warren Upham, contains a chapter on Carleton College by Professor Walter M. Patton.

Administrative officers: President, Donald J. Cowling; Dean, Lindsey Blayney; Dean of Women, Georgia L. White; Registrar, Peter Olesen; Officer in Charge of Foreign Students, Willard W. Bartlett, Assistant to the President.

CARNEGIE INSTITUTE OF TECHNOLOGY

PITTSBURGH, PENNSYLVANIA

Institute of Technology; for men and women; privately controlled; non-sectarian.

Carnegie Institute of Technology, formerly the Carnegie Technical Schools, founded by Andrew Carnegie November 15, 1900, when he tendered to the city of Pittsburgh funds to establish a technical institution. The gift was accepted by the city January 28, 1901. Opened in October, 1905. April 20, 1912, name changed to the Carnegie Institute of Technology; chartered in the State of Pennsylvania.

Carnegie Institute of Technology is a part of the Carnegie Institute which is the parent organization of the Carnegie Library of Pittsburgh, the Museum, the Department of Fine Arts, and the Carnegie Music Hall as well as of the Carnegie Institute of Technology. Carnegie Institute is governed by a self-perpetuating board of trustees of 36 members. Carnegie Institute of Technology is directed by a committee of 16 members of the Board of trustees of the Carnegie Institute and the President of the Carnegie Institute of Technology. Carnegie Institute of Technology includes four colleges: Margaret Morrison Carnegie College for Women; College of Fine Arts (open to men and women); College of Engineering (open to men); College of Industries (open to men). In the Division of General Studies, the faculty gives instruction in subjects common to all colleges.

Financial resources: Endowment, $15,400,000; budget, $1,200,000.

Grounds and buildings: 53½ acres valued at $1,000,000; 24 dormitories and 6 other buildings valued at $5,500,000.

Library: Carnegie Library of Pittsburgh (450,000 volumes) adjoins campus. Branch library for students' use.

Laboratories: College of Engineering, 29; College of Industries, 24 shops and laboratories; Margaret Morrison Carnegie College,

20 studios, shops and laboratories; College of Fine Arts, 63 shops and studios; Machinery Hall, 8. Approximate value of equipment of laboratories, studios and shops, $1,000,000.

Carnegie Museum adjoins campus.

Health program: Two resident physicians and several consulting physicians. Medical and physical examination of every student. Gymnasium; swimming-pool.

Admission requirements: 15 units, including English 3, Mathematics 3½, Foreign Language 2, and for the Engineering School, Solid Geometry ½ and Physics 1; for College of Fine Arts, History 1. As electives, following are acceptable: History, Science, Mathematics, English (1 additional unit) and Foreign Language. For vocational subjects, only a limited amount is allowed. Students are seldom admitted with more than 1 unit entrance condition. Entrance conditions must be removed before beginning of Sophomore year.

Degree requirements: For B.S. or B.A., the average requirement in the various courses is 432 units (144 credits), and the quality of the students' work must not fall below a certain minimum.

Departments and Staff: College of Engineering: *Professors*, 9; *Associate Professors*, 8; *Assistant Professors*, 10; *Instructors*, 20; *Other Teachers*, 18. College of Industries: 3, 2, 3, 26, 25. College of Fine Arts: 10, 10, 6, 11, 18. Margaret Morrison Carnegie College: 7, 2, 8, 8, 6. General Studies: 5, 7, 15, 22, 20. R. O. T. C.: 1, 0, 3, 3, 0. Bureau of Metallurgical Research: 2 research associates.

Enrolment for year ending June 30, 1926: Day students, Engineering: Men, 459; Fine Arts: Men, 335; women, 289; total, 624. Industries: Men, 311. Margaret Morrison Carnegie College: Women, 504. Freshmen in Engineering and Industry: Men, 353. Total, excluding duplicates, 1,963. Night students: Industries: Men, 2,111; women, 10; total, 2,121. Engineering: Men, 603. Fine Arts: Men, 348; women, 179; total, 527. Total night students, 3,251. Total number of matriculates since foundation, 69,166; day, 31,996; night, 37,170; men, 56,088; women, 13,078.

Degrees: Degrees conferred year ending June 30, 1926: Total, 301: College of Engineering, 108; College of Fine Arts, 70; Margaret Morrison Carnegie College, 92; College of Industries, 31. Total number of graduates since foundation, 4,368: Day school, 3,629; night school, 739.

Fees payable at registration: General fee, for regular students, $180; gymnasium fee, $5; student activities fee, $15; breakage deposit, returnable in part, $5. Annual expenses for men (fees, room, board, books, instruments, supplies, infirmary fee), $713. For women, $700 to $800.

Scholarships and fellowships: 50 competitive scholarships for Freshmen who are residents of Pittsburgh. Other scholarships awarded on basis of scholastic record of preceding year. 4 fellowships in Mining Engineering and 4 in Metallurgy, offered annually by the College of Engineering (stipend $750 for ten months with remission of tuition fees).

Student Placement Bureau. 75 per cent of the students registered in full time courses earn a part of their expenses. For year ending June 30, 1926, earnings of $86,574.49 were reported by 625 students.

First semester begins on Wednesday nearest to September 15th; year ends on Friday which completes 35 weeks.

Summer session: Two terms of 6 and 8 weeks respectively. The 8 weeks term begins one week after close of school year. The 6 weeks term for teachers begins 3 weeks after close of year. Courses in various technical subjects and in special courses for teachers. Enrolment, 1925, 507.

University extension: All of the colleges except the Margaret Morrison Carnegie College offer evening courses. These vary in length from 1 to 6 years, and are given at a nominal tuition fee. A program of part time courses for teachers is offered in the late afternoons and on Saturday mornings.

Annual catalog published in March in form of bulletins for the several colleges.

Administrative officers: President, Thomas Stockham Baker; Director, Margaret Morrison Carnegie College, Mary Bidwell Breed; Director, College of Industries, Arthur Crawford Jewett; Director,

College of Engineering, William Elton Mott; Acting Chairman of the Faculty, College of Fine Arts, Glendinning Keeble; Director, Division of General Studies, Frank Parker Day; Director of Night Courses, Summer Session and Part-time Classes, Roscoe Myrl Ihrig; Registrar, Allan Bright; Director of Industrial Relations, Clifford B. Connelley; Dean of Women, Mary Watson Green; Dean of Men, Arthur Wilson Tarbell.

CARROLL COLLEGE

WAUKESHA, WISCONSIN

Name to be used for bequests: The Board of Trustees of Carroll College.

Coeducational college, privately controlled. Affiliated with Presbyterian Church.

Incorporated as a collegiate institution in 1846 on an academy foundation of 1840. Named after John Carroll, of Carrollton, Maryland, one of the signers of the Declaration of Independence.

Board of 25 trustees including the President of the College elected by Presbyterian Synod of Wisconsin in four classes for term of four years.

Endowment, $639,249.23. Total annual expenditure, June 30, 1926, $114,553.73.

Grounds and buildings: Grounds, 16 acres, value $177,000. Total present worth of buildings, $472,477. Total value of grounds, buildings and equipment, $605,077.

Library (1900), 16,200 volumes; 25 current periodicals.

Laboratories: Rankin Hall of Science (1906), $115,000. Equipment valued at $11,500.

Health program: Mental and physical examinations required. Gymnasium (1923), $120,000. Athletic field. Infirmary. Trained nurse.

Admission requirements: 15 units, not more than 4 of which may be vocational units. 32 hours of foreign language are required for B.A.; for Ph.B. no foreign language required.

Degree requirements: For B.A.: 128 credit hours, 4 of which may be taken in Physical Education, and 4 in work outside of the curriculum. For B.S. requirements are the same, except that 24 hours of foreign language, 6 hours of Mathematics, and a major in one science and a minor in another required.

Daily chapel attendance required. All women from out of town required to live in dormitory, except when they work for their room and board in private homes.

Departments and Staff: Biblical Literature and Religious Education: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Commerce and Business Administration: 1, 0, 1, 0. Economics: 1, 0, 0, 0. Education and Psychology: 1, 1, 0, 0. English: 1, 0, 0, 2. French: 1, 0, 0, 2. German: 0, 0, 0, 1. Greek: 1, 0, 0, 0. History and Political Science: 1, 0, 0, 1. Latin: 1, 0, 0, 0. Library Methods: 0, 0, 0, 1. Literary Interpretation and Dramatic Literature: 1, 0, 0, 0. Mathematics: 1, 0, 0, 1. Music: 2, 0, 0, 3. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 1. Physical Education: 0, 0, 0, 2. Spanish: 0, 0, 0, 1. Sociology: 1, 0, 0, 0. Speech: 0, 0, 0, 1.

Enrolment for year ending June 30, 1926: 405; School of Music, 133; total, less duplicates, 490.

Degrees conferred year ending June 30, 1926, 55.

Fees: Matriculation, $5; general fees, $10; tuition, $75 a semester; laboratory fees, $1 to $10; annual expenses: Liberal, $525; low, $500.

Scholarships and fellowships: 80 of $150 each.

Employment bureau reports 25 per cent of students earned part of expenses.

Dates of beginning and ending sessions: Middle of September to middle of June.

Catalog in April.

Administrative officers: President, William Arthur Ganfield; Dean of College, Lloyd Slote Dancey; Dean of Women, Alida Degler; Registrar, Samuel Shipman Kingsbury.

CARTHAGE COLLEGE

CARTHAGE, ILLINOIS

College; coeducational; privately controlled; affiliated with Lutheran Church.

Founded in 1846 at Hillsboro, Illinois, and known as Hillsboro College. In 1852 moved

to Springfield, Illinois, and operated as Illinois State University for eighteen years. In 1870 rechartered as Carthage College, and moved to Carthage, Illinois.

Governed by a board of trustees, nominated in part by the Lutheran Synods of Illinois, Iowa, Wartburg, and elected by the board itself.

Endowment, $640,000.

Grounds and buildings: 30 acres with 11 buildings valued at $1,500,000.

Library: 32,968 volumes and pamphlets.

Laboratories: Science Hall (1926): Biology, Chemistry, Physics.

Health program: Physical examination of Freshmen. Trained nurse. Prescribed physical training.

Admission requirements: 15 units.

Degree requirements: 130 semester credits. One major of 24 semester credits and two minors of 14 semester credits each required.

General requirements: Daily chapel attendance required and attendance on Sundays at church of student's choice.

Departments and Staff: Bible and Religion: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 0, 1. Economics: 1, 0, 0, 0. Education: 1, 0, 0, 0, English Language and Literature: 1, 0, 0, 2. French: 1, 0, 0, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History and Social Science: 1, 0, 0, 1. Home Economics: 0, 0, 0, 1. Latin: 1, 0, 0, 1. Mathematics: 1, 0, 0, 2. Music: 1, 0, 0, 1. Philosophy: 1, 0, 0, 0. Physical Education: 0, 0, 0, 2. Physics: 1, 0, 0, 0. Spanish: 0, 0, 0, 1.

Enrolment for year ending June 30, 1926, 421.

Degrees conferred year ending June 30, 1926, 46.

Fees: Tuition, $160; matriculation, $5; approximate cost of board and room, $250. Annual expenses, $440.

Dates of beginning and ending sessions: Wednesday nearest September 15; Monday nearest June 15.

Summer session: June 13 to July 21, 1928.

Publications: College Bulletin, including catalog, annual reports, etc.

Administrative officers: President, N. J. Gould Wickey; Dean, W. K. Hill; Registrar, Pearl E. Goeller.

THE CASE SCHOOL OF APPLIED SCIENCE

CLEVELAND, OHIO

Endowed College of Engineering for Men; privately controlled.

In 1877 Leonard Case, Jr., executed a deed of trust and directed that after his death an institution, to be called The Case School of Applied Science, be organized in Cleveland, Ohio. After his death in 1880 the corporation was formed. In 1881 the institution opened.

Self-perpetuating board of 7 trustees.

Endowment, $3,416,483.92. Income from endowment, $186,932.11. Income from other sources (tuition and fees), $146,992.85. Total annual income for year ending August 31, 1926, $333,924.96. Total annual expenditures year ending August 31, 1926, $303,776.99.

Grounds and buildings: Campus of 15 acres valued at $1,200,000. Total present worth of buildings, $800,000. Total value of grounds, buildings and equipment, $2,348,305.

Library: General library and departmental libraries: 19,544 volumes; 25,748 pamphlets; 236 periodicals.

Laboratories: Chemical Laboratory (1892), Physics Laboratory (1905), Mechanical Engineering Laboratory (1892), (Mechanical Engineering Laboratory in process of erection), Electrical Engineering Laboratory (1895), Mining Engineering Laboratory (1905), Warner and Swasey Observatory (1920). Present worth of laboratory buildings, $800,000. Equipment: Civil, $10,000; Mechanical, $180,000 (including the equipment for new M. E. Laboratory); Electrical, $48,000; Mining, $40,000; Physics, $25,000; Chemistry, $20,000; Mechanics, $20,000; Geology, $5,000. Total value of equipment, $348,000.

Warner and Swasey Observatory contains a 10-inch equatorial telescope and other equipment.

Health program: Students examined physically on entrance. Physical training

required through 4 years. Athletic field. Gymnasium (1914) valued at $100,000.

Admission requirements: 15 units, including Algebra 1½, Geometry 1½, English 3, Foreign Language 2, Physics 1, Chemistry 1.

Degree requirements: From 160 to 175 semester hours. Nearly all of work prescribed. Students must obtain grade of 60 and each subject must be passed in full. In senior year about 3 or 4 months are devoted to writing thesis on some engineering or scientific subject. About half of each day is given to lectures and recitations, and half to practical work in the field, laboratory or drafting-room. Month of June is a Practice Term, when the students do practical work in the laboratories or in the field. At end of first year Freshmen go to camp and study surveying for 4 weeks. At end of second year, Sophomore civil engineers lay out a short railroad; mining engineers survey a mine, and students in other courses work in their respective laboratories. At end of Junior year students are required to take trips to large manufacturing establishments in different parts of the country.

Departments and Staff: Applied Mechanics and Hydraulics: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Chemical Engineering: 2, 0, 3, 2. Civil Engineering: 2, 0, 0, 2. Drawing and Descriptive Geometry: 1, 1, 2, 0. Electrical Engineering, 1, 1, 1, 2. English: 1, 0, 0, 4. Geology and Mineralogy: 1, 0, 0, 1. Mathematics and Astronomy: 1, 2, 1, 2. Mechanical Engineering: 1, 1, 1, 5. Mining and Metallurgical Engineering: 1, 1, 1, 1. Modern Languages: 0, 1, 1, 1. Physics: 1, 1, 1, 2. Physical Training: 0, 0, 1, 2. Shop Instructors are not included. Total number of faculty members, 59.

Enrolment for year ending June 30, 1926, 610: Civil Engineering, 83; Mechanical Engineering, 117; Electrical Engineering, 105; Mining or Metallurgical Engineering, 45; Physics, 10; Chemical Engineering, 56. Total number of matriculates since foundation, 6,000.

Degrees conferred June 30, 1926, 116. Degrees conferred since foundation, 2,438.

Fees and other expenses: Tuition, $250; practice term, student activities, and club house, $55; laboratory fees, $20 to $30; breakage, $5 to $15; textbooks, stationery, $30 to $40; board and room, 38 weeks, at $10 to $12 a week, $380 to $456; incidentals, $100 to $200; totals, $840 to $1,046. Registration, first year only, $5; drawing instruments, first year only, $35 to $50; departmental excursion, Sophomore, Junior or Senior year, $75 to $125. First payment for a Freshman is $185, the items being as follows: Tuition, $100; registration fee, $5; Chemistry fee, $10; gymnasium fee, $15; activities fee, $10; breakage (deposit), $20. The second payment, due about February 1, is $150. Drawing instruments are additional expenses for entering Freshmen.

Scholarships and fellowships: 10 fellowships from $300 to $750. 51 scholarships, $150 to $200 a year.

Physics department conducting research on ether drift and photography of sound. Commercial research is carried on in the engineering departments.

During year ending June 30, 1926, about 70 per cent of the students earned a part of their expenses.

Dates of beginning and ending sessions: First semester, September 29, 1927 to January 27, 1928; second semester, January 30 to June 1, 1928.

Summer session: July 2 to August 10, 1928. Attendance, 1925, 153.

University extension: Case School of Applied Science co-operates with Western Reserve University in management of Cleveland College, which offers evening classes. Case School offers some courses in Mathematics, Drawing and Descriptive Geometry, Physics, Metallurgy and Engineering.

Annual catalog in December.

Achievements of year ending June 30, 1926: The sum of $1,670,031 raised for buildings and general fund. Of this amount alumni subscribed $445,031. Charles W. Bingham, a trustee of the institution for over thirty years, contributed $500,000 for a new mechanical engineering laboratory, and his son, William Bingham II, contributed $500,000 as an endowment for the building.

Administrative officers: President, Charles S. Howe; Dean, Theodore M. Focke; Registrar, Elsie M. Ritter.

THE CATHOLIC UNIVERSITY OF AMERICA

WASHINGTON, D. C.

University for men; controlled by the Hierarchy of the Catholic Church in the United States.

Incorporated under laws of District of Columbia, April 19, 1887. Chartered by Pope Leo XIII March 7, 1889. School of Theology opened in November, 1889; Schools of Law, Philosophy, Letters and Sciences in 1895; School of Canon Law in 1923.

Board of trustees composed of the archbishops of the United States, 10 bishops, 10 priests, and 10 laymen.

Financial resources: Endowment, $3,000,000. Total annual expenditures for year ending June 30, 1926, $1,000,000. Budget, 1926–27, $725,000. Gifts for new buildings, 1925–26, $400,000; for scholarships and general purposes, $80,000.

Grounds and buildings: 48 buildings belong to the university and affiliated colleges. Of these, 21 occupied by university, valued at $15,000,000. Residence halls for men (425).

Library: John K. Mullen Library (1926), 268,504 volumes; current periodicals, 287; Connolly Collection of Americana; Ibero-American Library.

Laboratories: Martin Maloney Chemical Laboratory for Chemistry and Geology; Engineering Building and Laboratory for Mechanical Engineering. Laboratories for Biology, Psychology, Physics, and Electrical Engineering housed in other buildings. Equipment, $300,000.

Museum: Value $500,000.

Health program: Gymnasium, containing club house and swimming-pool; Stadium (20,000); infirmary with resident physician.

Admission requirements: For admission to the Schools of Theology and Canon Law, applicant must have completed a 2-year course in Philosophy and a 3-year course in Theology. For admission to the School of Law, 2 years of college work required. Undergraduate courses in the Schools of Philosophy, Letters and Sciences are open to students who have completed a 4-year high school course and have completed 15 units, including English 3, History 1, Mathematics 2, Foreign Language 2, and 7 additional units selected by the applicant from the languages and sciences.

Degree requirements: A. B., 152 to 172 semester hours, including prescribed subjects and electives; minimum monthly grade of 70; semi-annual and final examinations. M.A., 12 units of graduate work; reading knowledge of French or German; essay (5,000 words). Ph.D., 3 years of graduate study; fulfilment of requirements in a major subject and two minor subjects; dissertation; reading knowledge of French and German, oral and written examination.

General requirements: Freshmen and Sophomores required to take physical training. All students required to live at the university unless given special permission to live elsewhere. All Catholic students must conform to the laws of the Church in reference to attendance at Mass and reception of the Sacraments.

Departments and Staff: Architecture: *Professors*, 0; *Associate Professors*, 1; *Instructors* 2; *Lecturers*, 0. Biology: 1, 1, 2, 0. Canon Law: 1, 4, 0, 0. Chemistry: 1, 1, 3, 0. Church History: 2, 0, 0, 0. Economics: 1, 2, 2, 1. Education: 1, 2, 4, 0. English: 1, 0, 5, 0. French: 0, 0, 2, 0. German: 1, 0, 1, 0. History: 2, 3, 1, 0. Latin and Greek: 1, 2, 3, 0. Law: 1, 1, 4, 4. Mathematics: 2, 1, 1, 0. Mechanics: 0, 1, 0, 0. Oriental Languages: 3, 0, 2, 0. Philosophy: 1, 4, 3, 0. Physics: 1, 0, 2, 0. Psychology: 1, 0, 3, 0. Scripture: 2, 0, 2, 0. Sociology: 1, 2, 1, 0. Spanish: 0, 0, 0, 1. Theology: 1, 3, 3, 0. See also Chapter VI.

Enrolment year ending June 30, 1926: Theology and Canon Law, 70; Law, Philosophy, Letters and Sciences, 760; Summer Schools, 724; Affiliated Colleges (Trinity College, Sisters College), 490; Evening School, 850; Religious Order Colleges: (Marist College, Sulpician Seminary, College of St. Paul, Holy Cross College, College of the Immaculate Conception, Oblate Scholasticate, Claretian College, Augustinian College, Carmelite College, Capuchin College, St. Bonaventura's College, Oblates

of St. Francis De Sales, Franciscan College, National Catholic Service School, Foreign Missionary Seminary of Holy Cross, The Vineyard of the Friars of the Atonement, St. Anselm's Priory), 453.

Degrees conferred year ending June 30, 1926, 373: S.T.B., 63; J.C.B., 20; S.T.L., 5; J.C.L., 18; S.T.D., 2; D.C.L., 5; LL.B., 1; Ph.D., 26; M.A., 101. Other Master degrees (Laws, Letters, Sciences, Music), 4; Engineer (Electrical or Mechanical), 2; A.B., 103; B.S., 21; Mus.B., 2. Total number of degrees conferred since foundation, 2,985.

Fees and other expenses: Annual tuition fee, $300; approximate cost for room, $100; board, $37.50 a month; degree fee, $15 to $25; laboratory fee, $10; athletic fee, $25; medical fee, $10.

Scholarships and fellowships: Endowment for 107 fellowships and scholarships; $1,091,668 provides annual income of $49,583.

Research fund in Chemistry.

Employment bureau: About 50 students work their way by performing service in different departments of the university.

Dates of beginning and ending sessions: First term, third Tuesday of September; Commencement, third Wednesday of June.

Summer sessions: 15 departments offered 45 courses. Attendance in 1925, 724, June 26 to August 5.

Publications: Catalogue in February; President's report in September. Periodicals: The Catholic Educational Review, monthly except July and August; 24 volumes published 1911–1926. The Catholic Historical Review, quarterly, 12 volumes published 1915–26. Catholic Charities Review, monthly except July and August; 10 volumes, 1917–26. Corpus Scriptorum Christianorum Orientalium; 93 volumes, 1903–26.

Administrative officers: Rector, The Right Reverend Thomas J. Shahan; Dean of Faculty of Theology, Reverend Franz J. Coln; Dean of Faculty of Canon Law, Right Reverend F. Bernardini; Dean of Faculty of Law, Peter J. McLoughlin; Dean of Faculty of Philosophy, Reverend N. A. Weber; Dean of Faculty of Letters, Patrick J. Lennox; Dean of Faculty of Sciences, Hardee Chambliss.

CENTENARY COLLEGE OF LOUISIANA

SHREVEPORT, LOUISIANA

College for men and women, owned by the Louisiana Annual Conference of the Methodist Episcopal Church, South.

Chartered 1825 by State of Louisiana as The College of Louisiana. Name changed to Centenary College of Louisiana, when Methodists gave money to the college on the 100th Anniversary of the founding of Methodism. College moved from Jackson, Louisiana, to Shreveport, Louisiana, in 1907.

Self-perpetuating board of trustees subject to a veto on appointments by Louisiana Annual Conference.

Endowment, $651,613.77 Income from endowment, $35,000. Income from other sources to be named, $85,000. Total annual expenditures year ending June 30, 1926, $125,000. Budget, 1926–27, $85,000.

Grounds and buildings: Total value of grounds, $168,000. Total present worth of buildings, $255,000. Total value of grounds, buildings and equipment, $491,900.

Library: 15,000 volumes, including 2,000 government documents; 60 current periodicals.

Health program: Physical examination of all students at beginning of year. Gymnasium; medical fee required of all students provides service.

Admission requirements: 15 units, including English 3, Mathematics 2½, Modern Languages or Latin 2, History 2.

Degree requirements: 185 term hours, largely prescribed and leading, as curriculum includes languages (Latin or Greek for classical course; Modern Languages for literary course) or sciences, to the degrees of A.B. or B.S., respectively.

General requirements: Physical training required of all students. Chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bible: 1, 1, 0, 0. Commerce: 0, 1, 0, 1. Education: 1, 0, 0, 2. English: 2, 2, 0, 1. Expression: 0, 0, 0, 1. History: 1, 1, 0, 0. Mathematics: 1, 0, 0, 1. Modern Languages: 1, 1

0, 0. Music: 1, 0, 0, 1. Science: 1, 3, 0, 0. Enrolment: 438.

Degrees conferred year ending June 30, 1926, 41. Total number of degrees conferred since foundation, 458.

Fees: Matriculation, $5; graduation, $10; laboratory, $5. Annual expenses: Liberal, $1,000; low, $700.

Scholarships: 4 of $105 each. Sallie Sexton Loan Fund.

Dates of beginning and ending session: Autumn term, September 21 to December 20, 1927; winter term, January 3 to March 18, 1928; spring term, March 19 to June 6, 1928.

Summer session: June 7 to August 25, 1928. 7 departments offered 40 courses in 1925 to 185 students.

Publications: Catalog in May; President's report in June.

Administrative officers. President, George S. Sexton; Dean, J. A. Hardin; Dean of Women, Mrs. A. R. Campbell; Registrar, Pierce Cline.

CENTRAL COLLEGE

FAYETTE, MISSOURI

Name for bequests: The Curators of the Central College.

Coeducational College, owned by the three conferences of the Methodist Episcopal Church, South, in Missouri.

In 1852 the St. Louis Conference and Missouri Conference of Methodist Episcopal Church agreed to cooperate in establishing a single church college in Missouri. In 1853 Fayette, as the geographical center of Missouri Methodism, was agreed on as location. In 1857 college opened.

Board of 24 curators, one-third appointed by each of the three conferences of the Methodist Episcopal Church, South, in Missouri.

Financial resources: Endowment, $961,653. Income from endowment, $50,358.98. Income from other sources: $245,015.65. Total annual expenditures year ending June 30, 1926, $295,373.63. Budget, 1926–27, $300,000. Notable financial items for the year: Church appropriations for current operation, $10,505.72; subscribed on development program, $97,048.

Grounds and buildings: 42 acres. Capacity of residence halls for men, 150; for women, 200. Total value of grounds, $75,000. Total present worth of 10 buildings, $561,000. Total value of grounds, buildings and equipment, $1,431,000.

Library, 21,000 volumes; 127 current periodicals.

Laboratories: Science Hall equipment: Chemistry, $12,000; Biology, $15,000; Physics, $8,500.

Health program: Gymnasium (1906); two athletic fields; infirmary for women; graduate nurse; physical examination of Freshmen; physical training required for Freshmen.

Admission requirements: 15 units; no conditions are allowed.

Degree requirements: For A.B. and B.S. in Education, 122 hours and 122 honor points. A candidate must complete a major of 25 hours, and two minors of 15 hours each. General requirements: English, 9 hours; one Foreign Language, 10; Mathematics or Logic 3, Bible 4, Biological Science 5, Physical Science 5, Social Science 5, Philosophy 5, Physical Training 2.

Chapel attendance required.

Departments and Staff: Biblical Literature and History of Religion: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1, 0. Chemistry: 1, 0, 1, 0. Education and Psychology: 1, 0, 1, 0. English Language and Literature: 2, 0, 1, 2. Greek and Latin: 1, 0, 0, 0. History, Economics and Political Science: 2, 0, 0, 1. Home Economics: 0, 0, 0, 1. Mathematics: 1, 0, 0, 1. Modern Languages: 1, 0, 2, 0. Philosophy: 0, 0, 1, 0. Physical Education: 1, 0, 0, 1. Physics: 1, 0, 0, 0. Sociology and Religious Education: 1, 0, 0, 0. Music Theory, 1, 0, 1, 0.

Enrolment for year ending June 30, 1926: 591: Men, 340; women, 251.

Degrees conferred year ending June 30, 1926, 47. Total number of degrees conferred since foundation, 737.

Fees: Graduation, $10; general fees, $97 a year; laboratory, $7.50 a course each semester; lodging and board, $250 to $325 a year. Annual expenses, including living expenses: Liberal, $700; low, $350.

Scholarships: 60 ($50–$250). Loan fund ($4,000 a year).

Employment bureau: About one-third of students earned part of their expenses during the past year.

Dates of beginning and ending sessions: First semester, September 10, 1927 to January 28, 1928; second semester, January 30, 1928 to June 2, 1928.

Summer session: June 11 to August 18, 1928. 7 departments offered 28 courses in 1925 to 126 students.

Catalog in March.

Achievements of year ending June 30, 1926: Development campaign ($750,000) launched; already two new buildings under construction, and funds are rapidly accumulating for the next two in order. A notable policy for the Methodist Episcopal Church, South, in Missouri is that by which four Junior Colleges have been discontinued, and all educational interest has been centered in one Senior College, Central College.

Administrative officers: President, Bishop William Fletcher McMurry; Dean, Erastus Paul Puckett; Registrar, Martha C. Ricketts.

CENTRE COLLEGE OF KENTUCKY

DANVILLE, KENTUCKY

Presbyterian College for men founded in 1819. From 1819 to 1830 under State control. Since then privately controlled by self-perpetuating board of 24 trustees, two-thirds of whom must be approved by the two Presbyterian Synods of Kentucky.

Endowment, $1,151,756.20. Income from endowment, $58,727.38. Income from other sources, $34,790.70. Total annual expenditures year ending June 30, 1926, $94,722.46. Budget, 1926–27, $98,508.

Total value of buildings, grounds and equipment, $560,318.

Library (1913), 34,464 volumes, including 12,613 government documents; 70 current periodicals. Dante Collection.

Laboratory equipment: Biology, $3,250; Chemistry, $7,317; Physics, $13,298.

Gymnasium (1915), present value, $45,869. Football field with stadium (1923) cost $63,000.

Admission requirements: 15 units, including English 3, History 1, Algebra 1, Plane Geometry 1, Science 1. Only 3 vocational units accepted. No conditions allowed.

Degree requirements: 124 semester hours and an average grade of C. Major subject 24 to 40 semester hours. English 12 hours, Foreign Language 12 to 20, Science 8, Bible 8, Mathematics 6, Ethics 3, History 6 to 12, depending on course taken.

Chapel attendance required. Students must live in dormitory or in approved homes.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Chemistry: 1, 0, 0, 0. Economics: 1, 1, 0, 0. Education: 1, 0, 0, 0. English: 1, 1, 0, 0. English Bible: 1, 0, 0, 0. German: 1, 0, 0, 0. Greek and Latin: 1, 0, 0, 0. History: 1, 0, 0, 0. Mathematics: 1, 1, 0, 0. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Rhetoric, Public Speaking, Journalism: 1, 1, 0, 0. Romance Languages: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 271.

Degrees conferred year ending June 30, 1926: A.B., 35. Total number of degrees conferred since foundation: A.B. and B.S., 2,214.

Fees: Tuition for year, $150; matriculation, $5; graduation, $7.50; charge for lodging and board in dormitory, $325.

60 scholarships of $50 each.

Dates of beginning and ending sessions: Second Wednesday in September; second Monday in June.

Catalog in March.

Administrative officers: President, C. J. Turck; Dean, Charles G. Crooks; Registrar, Frank L. Rainey.

CHARLESTON, COLLEGE OF

See: College of Charleston.

CHATTANOOGA, UNIVERSITY OF

See: University of Chattanooga.

CHICAGO, UNIVERSITY OF

See: University of Chicago.

CINCINNATI, UNIVERSITY OF

See: University of Cincinnati.

THE CITADEL

The Military College of South Carolina

CHARLESTON, SOUTH CAROLINA

Board of 7 Visitors elected by the Legislature for terms of 6 years, and 5 members ex officio: Governor, Adjutant-General, Superintendent of Education, Chairman of Military Committees of House and Senate. The elective members are limited to the alumni of the college. The President has a military staff consisting of army officers detailed by the War Department to give military instruction to the students who are all enrolled in the Reserve Officers Training Corps, and are commissioned after graduation in the Officers Reserve Corps.

Financial resources, year ending June 30, 1926: State appropriation for maintenance, $161,690.32; students' fees, $127,185.79; total receipts, $306,161.36; disbursements: $305,826.34. During the year a gift of $150,000 for an additional dormitory was made by a citizen of Charleston, provided the Legislature would appropriate an equal amount. The offer was accepted. The new building, to cost $300,000, is now being erected. Gift of $6,000 to endow a scholarship from W. S. Lee.

The college was transferred from the old site at Marion Square to its new site of 76 acres at Hampton Park in September, 1922. Value of land at old site, $400,000; at new site, $500,000. Value of old buildings, $200,000; new buildings valued at $1,011,500, not including new dormitories. Equipment, $175,808.11.

Library: 10,000 volumes in addition to departmental libraries. The Charleston Library, containing early newspaper files and Americana, is accessible to students.

Laboratories: Civil Engineering, Electrical Engineering, Physics, Chemistry and Biology. Department of Astronomy has a 7-inch refractor.

Mary Bennett Murray Hospital (1923) cost $60,000.

Alumni Hall (1923; $50,000) furnishes facilities for athletics.

Admission requirements: 15 units. No conditions are allowed. No special students, or students not working for degrees, are accepted.

Degree requirements: For bachelor's degree, 148 semester hour credits, including 24 semester hours in military department. The Studies of the Freshman and Sophomore classes are prescribed. Physical training and drill required of all students. Chapel and church attendance required. All students live in barracks and have definite restrictions as to leaves of absence, which are limited to week ends.

Departments and Staff: Chemistry (including Biology and Geology): *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 2; *Instructors*, 0. Civil Engineering: 1, 1, 1, 0. English: 1, 0, 3, 0. History: 1, 0, 3, 0. Mathematics: 1, 1, 3, 0. Military Science: 1, 0, 3, 0. Modern Languages: 1, 1, 2, 0.

Enrolment for year ending June 30, 1926, 438. Total number of matriculates to October 1, 1925, 5,329.

Degrees conferred during year ending June 30, 1926, 49: B.A., 11; B.S., 38. Total number of graduates since foundation: 1,446.

As the students are required to live in barracks, a charge of $283 a year is made for the session of nine months, to cover board, room and tuition. A deposit of about $160 is required for uniforms and clothing. Laboratory fees average about $5 a session. Total expenses range from $400 to $500.

The State of South Carolina provides for free maintenance and education of 78 cadets selected by competitive examination and distributed among the 46 counties of the State. The City of Charleston gives 6 scholarships of a value of $250 a year each. There are other alumni scholarships. There is very little opportunity for students to earn any part of their expenses.

Session begins September 18 and ends second week in June. A furlough of about twelve days is granted to all students at Christmas time. Usually a "military session" in the spring is held on the Rifle Range near Charleston; during this time academic exercises are dispensed with, and the time is given to military instruction in camp, principally rifle shooting, pistol practice, and work with machine guns.

Annual catalog in April.

Administrative officers: President, Col. O. L. Bond; Commandant, Major Wm. C. Miller, U. S. A.; Adjutant, Captain C. L. Hair; Registrar, Captain D. S. McAllister.

CLAREMONT COLLEGES

See: Pomona College.

CLARK UNIVERSITY

WORCESTER, MASSACHUSETTS

University for men and women, privately controlled.

Founded by John Gilman Clark. Chartered in 1887. Graduate division established 1889.

Board of 8 trustees. Undergraduate Division, Graduate Division, School of Geography.

Campus of 8 acres. Dormitory primarily for Freshmen (50).

Library (1903), 113,000 volumes; 500 current periodicals.

Science Hall (1889).

Health program: Medical examination at beginning and end of each year required of undergraduates. Gymnasium. Athletic field.

Admission requirements: For college, 15 units, including Mathematics 2; more than 1 in Foreign Language. Commercial subjects must not exceed 3 units. Two units of conditions allowed; must be removed Freshman year. For Graduate Division: Graduates of colleges on approved list of Secretary of Graduate Board.

Degree requirements: For bachelor's degree: Minimum residence of 3 academic years. 120 semester hours which must include: a. Major of 24 semester hours; b. Minor of 18 semester hours; c. Requirement, depending on major, 6 semester hours; d. English, 12 semester hours; e. Foreign Language, 30 semester hours, including credits accepted for admission; f. Division A, 12 semester hours. (For students whose high school course included 2 or 3 units of Science. Students presenting but 1 unit of Science for entrance must take 18 semester hours. Students who presented 4 units of Science required to take only 6 semester hours.) g. Division B, 12 semester hours. (For students whose high school course included 2 or 3 units of History or related subjects. Students who had only 1 unit in this field required to take 18 semester hours. Requirement reduced to 6 semester hours for students who presented 4 high school units in this field.) Physical training 3 hours a week throughout course. For master's degree: 1. 1 year full-time work or its equivalent. 2. Minimum of 18 semester hours in addition to research. Half of the courses should be devoted to major subject, and one-third to minor. 3. Examination in courses presented for credit. 4. Thesis. For Ph.D.: 1. 2 years full-time work in residence beyond requirements for master's degree. 2. Curriculum endorsed by major department. 3. Preliminary examination in major subject and final examination in minor subject one year before receiving degree. Oral final examination in major and minors. 4. Dissertation.

College requirements: Physical training required of all students. Freshmen not living in own homes required to room in Eastbrook Hall. Undergraduates not living in their own homes required to board at dining hall.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry: 2, 0, 0, 0. Economics and Sociology: 1, 0, 3, 0. English 2, 0, 0, 1. Geography: 4, 3, 0, 0. Geology 1, 0, 0, 0. German: 1, 0, 0, 1. History and International Relations: 2, 2, 0, 0. Mathematics: 1, 1, 1, 0. Physics: 1, 0, 0, 1. Psychology: 2, 2, 0, 0. Romance Languages 1, 0, 0, 0. See also Chapter VI.

Enrolment for year ending June 30, 1926 376: Undergraduates, 236; graduates, 71 special students, 69.

Degrees conferred year ending June 30 1926, 74. Total number degrees conferred since foundation, 1,650; Honorary, 38 Ph.D., 306; A.M., 505; A.B., 791; B.Ed., 10

Fees: Tuition, $150 a year; matriculation $5; graduation, bachelor, $5; master, $10 doctor, $25; laboratory, $2.50 a semester board, $7 a week in dining hall; dormitory rent, $115 to $150; breakage deposit

Chemistry, $10 for undergraduates; $25 for graduates.

Scholarships and fellowships: 53 undergraduate scholarships. Several loan funds. Scholarships and fellowships for graduate students.

Dates of beginning and ending sessions: September 22, 1927; June 11, 1928.

Summer session: July 6 to August 13, 1926. 7 departments offered courses. Attendance, 1925, 142.

University extension: Home study courses in Geography.

Publications: Catalog in February.

Administrative officers: President, W. W. Atwood; Dean, H. P. Little; Director, Summer School, D. C. Ridgley; Director, Home Study Department, D. C. Ridgley; Registrar, C. E. Melville.

CLARKSON COLLEGE OF TECHNOLOGY

POTSDAM, NEW YORK

Name used for bequests: Thomas S. Clarkson College of Technology.

College of Science and Engineering for men. Privately controlled. Non-sectarian.

Founded 1896.

Board of 12 trustees, 3 of whom are alumni.

Endowment, $500,000. Income from endowment, $27,000. Income from fees, $47,000. Expenditures for instruction and administration, $70,500.

Grounds and buildings: Total value of grounds, $25,000. Total present worth of buildings, $400,000. Total value of grounds, buildings and equipment, $480,000.

Library: 7,500 volumes; 40 current periodicals.

Health program: Physical examination required at beginning and end of each of first two years. Physical training for 2 years. Gymnasium (1911).

Admission requirements: 15 units, including English 3, Mathematics 3, Science 2, History 1½.

Degree requirements: 144 semester hours; passing grade, 70 per cent. Thesis may be assigned.

Departments and Staff: Chemical Engineering: *Professors*, 1; *Assistant Professors*, 1; *Instructors*, 1. Civil Engineering: 1, 1, 0. Electrical Engineering: 1, 1, 0. Mechanical Engineering: 1, 1, 0. General Science: 4, 3, 2. Physical Training: 1, 0, 0.

Enrolment for year ending June 30, 1926, 283.

Degrees conferred year ending June 30, 1926, 47. Total number of degrees conferred since foundation, 570.

Fees: Annual tuition, $200; matriculation, $5; graduation, $10. Annual expenses, including living expenses: Liberal, $1,000; low, $700.

Scholarships: 2 of $100 each.

Employment Bureau: 60 per cent of students earned way through college during the year ending June 30, 1926.

Dates of beginning and ending sessions: September 13, 1927; June 9, 1928.

Catalog in January.

Administrative officers: President, J. P. Brooks.

COE COLLEGE

CEDAR RAPIDS, IOWA

Coeducational college, privately controlled. Affiliated with the Presbyterian Church.

Chartered, 1881. From 1851 to 1881 known as Coe Collegiate Institute. Named in honor of Daniel Coe of Durham, New York, who donated $1,500 for purchase of a site. In June, 1919, Leander Clark College of Toledo, Iowa, was consolidated with Coe.

Self-perpetuating board of 30 trustees, 10 elected each year for a three year period.

Endowment: $1,200,000. Income from endowment, $72,000. Income from other sources, $328,000. Budget for 1926–27, $390,000.

Grounds and buildings: Campus of 22 acres. Seven buildings. Present value of plant, $767,900.

Library: 28,000 volumes.

Laboratories: Carnegie Science Hall (1910).

Health program: Gymnasium, field house for women, athletic field. Health examinations annually. Infirmary for women with nurse in charge. Physical training required of all Freshmen and Sophomores.

Admission requirements: 15 units, including English 3, Algebra 1, Geometry 1, Civics, Economics and History 1½.

Degree requirements: For A.B. and B.S., 124 semester hours, including 4 in physical education, and 124 grade points. Group system. Four years of Foreign Language required. Major. Major honors which demand high scholarship and some independent study are sought by the majority of students in the upper tenth.

General requirements: Daily chapel attendance required. Military training required of male students for two years.

Departments and Staff: Art 1, Bible 2, Botany 2, Chemistry 3, Education 2, English 7, Geology 2, German 2, Greek 1, History 3, Home Economics 3, Journalism 1, Latin 1, Mathematics 4, Music 6, Philosophy 1, Physics 3, Psychology 2, Public Speaking 4, Romance Languages 4, Social Sciences 5, Zoology 2, Physical Education 7, Military Science 4. Total: Professors, 32; Assistant Professors and Instructors, 40.

Enrolment for year ending June 30, 1926: Men, 477; women, 442; total, 919.

Degrees conferred year ending June 30, 1926, 122 bachelors degrees. Total number of degrees conferred since foundation, 2,016.

Fees: Tuition, $150 a year; matriculation, $10; graduation, $7. General fees, $15 a semester. Laboratory, $3 to $7.50 a semester. Annual expenses, including living expenses: Liberal, $1,000; low, $600.

Sixty endowed scholarships covering half tuition. Several graduate associate fellowships.

Employment Bureau: 60 per cent of the student body earn their way in whole or in part.

Dates of beginning and ending sessions: First semester, September 8, 1927 to January 23, 1928. Second semester, January 24 to June 4, 1928.

Summer session, June 11 to August 18. 15 departments offered instruction in 45 courses in 1926. Attendance, 1925, 386.

University extension. Extension classes; 15 instructors, each giving one course. 152 students enrolled—all candidates for degrees. 220 unclassified students in Music and Public Speaking.

Catalog in March. President's Report in October.

Administrative officers: President, Harry Morehouse Gage; Vice-President, Owen Lloyd Morris; Dean of College, Stephen W. Stookey; Dean of Men, Harry Kremers; Dean of Women, Florence M. Nicholson; Registrar, J. F. Yothers.

COKER COLLEGE

HARTSVILLE, SOUTH CAROLINA

College for women, controlled by Baptist denomination of South Carolina.

Chartered 1908. Evolved from Welsh Neck High School, founded in 1894. Major James Lide Coker (1837–1918), founder.

Board of trustees appointed by 12 Baptist Associations responsible to the South Carolina Baptist Convention.

Endowment: $440,785.96. Other invested funds, $76,266.69.

Grounds and buildings: Campus of 14 acres. Dormitory accommodations for 240 students. Value of college property (including endowment): $1,135,765.65.

Library: 9,000 volumes, exclusive of government documents. Library endowment: $10,000.

Health program: Physical examination at beginning of year. College physician. Registered nurse in charge of infirmary. Gymnasium, athletic field, swimming-pool.

Admission requirements: 15 units. No conditions allowed.

Degree requirements: 120 semester hours exclusive of Physical Education. Major may be in English, Latin, Modern Languages, History, Science, Bible or Mathematics.

General requirements: Physical Education required for 4 years. Daily chapel attendance required. Two years' residence required for degree. Residence in dormitory required of all students, except those with relatives in town.

Departments and Staff: Bible: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 0, 0. Chemistry and Physics: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 1, 1, 0, 1. French 1, 0, 0, 0. History: 1, 1, 0, 0. Latin: 1, 0, 0, 0

Mathematics: 1, 0, 0, 0. Music: 2, 0, 0, 5. Spanish and German: 0, 0, 0, 1.

Enrolment for year ending June 30, 1926, 252.

Degrees conferred year ending June 30, 1926, 31.

Total college fees for year: $450.

Scholarships $150 each to daughters of teachers and ministers. 3 sectional scholarships, $60. 20 service scholarships, $110.

Dates of beginning and ending sessions: September 15, 1927; May 29, 1928.

Catalog in February.

Administrative officers: President, Carlyle Campbell; Dean, Robert W. Durrett; Dean of Women, Mary P. Taylor; Registrar, C. E. Schaible.

COLBY COLLEGE

WATERVILLE, MAINE

College; privately controlled; Baptist by founding and affiliation.

Chartered by General Court of Massachusetts as Maine Literary and Theological Institution, February 27, 1813. Name changed to Waterville College, February 5, 1821. Theological Department discontinued in 1825. Name changed to Colby University in 1867. Women admitted, 1871. Two co-ordinate divisions (men and women) established, 1890. Name changed to Colby College, 1899.

Board of 30 trustees; 10 elected by Alumni Association.

Endowment: $1,340,160.02. Income from endowment year ending April 30, 1926: $63,142.05. Income from other sources, 1925–26: $173,891.56.

Grounds and buildings: Total value of grounds, buildings, and equipment: $532,000.

Library (1868): 68,000 volumes (including 24,000 government documents); 20,000 pamphlets; 138 current periodicals.

Laboratories: Parts of 3 buildings (1885, 1891, 1905): Chemistry, Biology, Geology, and Physics. Value of equipment in principal departments, $38,000.

Health examinations. Gymnasium (1884).

Admission requirements: 14½ units required, including: for A.B., English 3, Latin 4, Mathematics, 2½. For B.S., English 3, Modern Language 2, Mathematics 2½, Science 1, History 1.

Degree requirements: For A.B. or B.S.: 122 semester hours, including 1 year English composition, 1 year Mathematics, 2 years Physical Education, 2 years of some Modern Language. Two years in each of three groups of subjects. Major subject of 8 semester courses, and a minor, allied to major, of 4 semester courses. Required of A.B. students: Latin 1 year, or Greek 1 year. Required of B.S. students: Chemistry, 1 year, and Physics 1 year.

General requirements: Two years of Physical Education required. Chapel attendance required. Residence in college buildings required of women students unless home is local.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 0, 1, 0, 0. Bibliography: 1, 0, 0, 0. Biology: 1, 0, 0, 1. Business Administration: 0, 1, 0, 0. Chemistry: 1, 0, 1, 1. Economics and Sociology: 1, 0, 0, 1. Education: 0, 0, 1, 0. English: 1, 0, 1, 2. French: 1, 0, 0, 1. Geology: 1, 0, 0, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 1, 0. Journalism: 1, 0, 0, 1. Latin: 1, 0, 0, 0. Mathematics: 1, 1, 0, 2. Philosophy and Psychology: 0, 0, 0, 1. Physics: 1, 0, 1, 0. Public Speaking: 1, 0, 0, 0. Religious Education: 1, 0, 0, 1. Physical Education: 1, 0, 0, 2. Spanish: 0, 0, 0, 1.

Enrolment for year ending June 30, 1926: 797, including 178 extension students. Total number of matriculates since foundation to June 30, 1919, 4,704.

Degrees conferred year ending June 30, 1926: M.A., 1; A.B., 49; B.S., 56. Total number of degrees conferred since foundation to June 30, 1919, 2,346.

Fees: Tuition, $150 a year; matriculation, $50; laboratory, $1.50 to $5 a semester; charge for lodging and room, $35 a semester; Board and room in women's division, $153 a semester.

Scholarships and fellowships: Income of $180,000; about $8,000 assigned in scholarships.

Forty per cent of men and 15 per cent of women earned all or part of their expenses.

Dates of beginning and ending sessions: September 22, 1927; June 7, 1928.

University extension in co-operation with State Department of Education, for accrediting of teachers. Evening classes.

Catalog in November.

Achievements of year ending June 30, 1926: Bequest of $100,000 from Dana W. Hall, Chicago.

Administrative officers: President, Arthur J. Roberts; Registrar, Malcolm B. Mower; Dean of Women, Nettie M. Runnals.

COLGATE UNIVERSITY

HAMILTON, NEW YORK

Liberal Arts College for men. Traditionally Baptist but now undenominational. Theological Seminary, under supervision of Baptist Education Society of State of New York.

September 24, 1817, thirteen men met near the village of Hamilton, offered thirteen prayers, and donated $13 to organize the Baptist Education Society of the State of New York; from this meeting has grown Colgate University. First charter granted in 1819; institution formally opened in 1820. In 1846, a university charter was granted to a corporate body named Madison University. In 1890 the name was changed to Colgate University.

Self-perpetuating board of 27 trustees.

Endowment: $3,835,671. Income from endowment, $127,566. Income from other sources: Tuition fees, $146,713; room rent, $18,061; board, $30,122; other student expenses, $24,934. Total annual expenditures year ending June 30, 1926: $365,058. Budget, 1926–1927, $335,200.

Grounds and buildings: 5 residence halls (333). Grounds, 350 acres, valued at $130,000. Total present worth of buildings, $2,195,034. Total value of grounds, buildings and equipment, $2,300,000.

Library (1890): 107,932 volumes. 320 current periodicals. Samuel Colgate Baptist Historical Collection numbers 8,000 bound volumes, and about 80,000 pamphlets illustrating Baptist history.

Laboratories: Chemical Laboratory (1884), valued at $50,947. Lathrop Hall (1906), value $177,556. Value of equipment: Chemistry, $34,441; Physics, $20,000; Zoology and Botany, $36,250; Biology, $9,760; Geology, $54,760.

Museum of Geology and Natural History in Lathrop Hall.

Health program: Health examination and mental hygiene test given every student after admission. Huntington Gymnasium (1926) cost $350,000. Resident physician: two resident registered nurses. Infirmary.

Admission requirements: 15 units, including English 3, Mathematics 2½–4, Foreign Language 3–7. Elective: History 1–4, Science 1–4. One unit of condition allowed. Condition must be removed before beginning of Sophomore year.

Degree requirements: 128 semester hours, 140 quality points. Required in Group I, Language, Literature and Art: 18 hours including 12 hours Foreign Language. In Group II, Mathematics and Natural Science: 18 hours, including 9 hours in one natural science. In Group III, Mental and Social Science: 18 hours, including 9 hours in a single subject.

General requirements: Physical Education required each semester of Freshman and Sophomore years. Daily chapel attendance required.

Departments and Staff: Biblical Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 1, 0, 1. Chemistry: 2, 1, 1, 1. Classics: 1, 2, 0, 1. Economics: 1, 1, 0, 0. English: 1, 2, 0, 3. General Literature: 1, 0, 0, 0. Geology: 1, 1, 0, 1. German: 1, 1, 0, 0. History and Politics: 2, 1, 0, 0. Mathematics: 2, 1, 1, 1. Military Science: 0, 0, 0, 1. Music: 1, 0, 0, 1. Philosophy: 1, 0, 0, 0. Physical Education: 1, 1, 1, 1. Physics: 1, 1, 0, 0. Psychology and Education: 1, 2, 0, 0. Romanic Languages: 1, 2, 0, 2. Sociology: 0, 1, 0, 1.

Enrolment for year ending June 30, 1926: 852: College, 793; Seminary, 59. Matriculates since foundation: College, 6,410; Seminary, 1,584.

Degrees conferred year ending June 30, 1926, 170; Honorary, 8. Total number of degrees conferred since foundation: 3,533; honorary, 522.

Fees: Matriculation, $10; graduation, $10; other general fees, $250 a year; laboratory, $2–$20. Annual expenses, including living expenses: Liberal, $1,050; low, $795. Dormitory rooms, $100 a year. Board, $7 a week.

Scholarships: Up to total of $30,000 in addition to funded scholarships, $37.50–$75. 1 fellowship, $500; 3 graduate scholarships, $250 to $500.

Employment bureau: 82 per cent of students who earned way through college in whole or in part during year ending June 30, 1926.

Dates of beginning and ending sessions: College opens third Thursday in September. Commencement not earlier than June 9 or later than June 15.

Catalog in January.

Achievements of year ending June 30, 1926: Discontinuance of all bachelor degrees except Bachelor of Arts and Bachelor of Divinity.

Administrative officers: President: George Barton Cutten, D.D.; Dean of the College: William H. Crawshaw; Dean of the Seminary, Thomas Wearing; Director of Personnel, James D. Howlett.

COLLEGE OF CHARLESTON

CHARLESTON, SOUTH CAROLINA

Name used for bequests: The Trustees of the College of Charleston.

Municipal college of arts, literature and science open to men and women.

Founded in 1770; chartered March 19, 1785 by General Assembly. Opened to students in September, 1790. The oldest college south of Virginia. In 1837 the property, rights and interests of the college were transferred to the city of Charleston. The oldest municipal college in America. In 1918 the college was made co-educational.

Self-perpetuating board of trustees. 5 additional members representing the city of Charleston (the mayor, and city recorder ex officio, and 3 members elected by city council), and 3 additional members elected by the alumni, making a total membership of 16.

Endowment: $322,300. Income from endowment, $13,235. Income from other sources, $68,907. Total annual expenditures year ending June 30, 1926, $72,142. Budget: 1926–1927: $73,000. Scholarship donations: $15,000. Alumni donation for books and library, $4,000. Alumni donation for Memorial Gateway, $4,000.

Grounds and buildings: Total value of grounds, 2 acres, $150,000. Total present worth of buildings, $190,000. Total value of grounds, buildings and equipment, $415,000. Main building begun in 1774, reconstructed in 1828. The entrance gateway and porter's lodge are examples of classicism in America.

Library (1855), 23,469 volumes, including 5,000 government documents. 10 current periodicals. Special collection: 223 bound volumes of South Carolina newspapers, 1790 to 1859. Charleston Library, an affiliated institution, 50,000 volumes.

Value of scientific equipment, $20,000.

Charleston Museum (oldest in America) affiliated. Founded in 1773; taken over as a department of the college in 1852. Museum again made a separate institution in 1914.

Admission requirements: 15 units, including English 3, History 2, and Mathematics 3; graduation from the college preparatory department of an accredited school; recommendation by school principal. No conditions allowed.

Degree requirements: 128 semester hours for B.A. and B.S. For B.A. at least 22 semester credits must be in Latin or in Greek, and for both degrees curriculum must comprise a consecutive course of at least three years in one major subject. Courses of first two years prescribed.

Daily chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistants*, 0. Chemistry and Physics: 2, 0, 3. Commerce and Administration: 1, 0, 0. Engineering: 1, 0, 0. English: 1, 2, 2. Fine Arts: 1, 0, 1. French and German: 1, 0, 0. History: 1, 0, 3. Latin and Greek: 2, 0, 0. Mathematics: 2, 1, 0. Spanish and French: 1, 0, 0.

Enrolment for year ending June 30, 1926: Men, 123; women, 102; total, 225. Total number of matriculates since foundation, 2,785.

Degrees conferred year ending June 30,

1926, 30. Total number of degrees conferred since foundation, 698.

Fees: Tuition, $40 a year; matriculation, $10; graduation, $10; general fee, $46; laboratory, $10. Charge for lodging and board, $350. Annual expenses: Liberal, $750; low, $500.

Scholarships: 23, $140 each.

Dates of beginning and ending sessions: Monday preceding first Thursday in October; Tuesday preceding June 20.

University extension: Night School of Commerce and Administration. Enrolment: 119.

Publications: Catalog in April. President's report in December.

Administrative officers: President, Harrison Randolph; Registrar, S. N. Fishburne.

COLLEGE OF THE CITY OF DETROIT

CASS, WARREN AND HANCOCK AVENUES, DETROIT, MICHIGAN

Coeducational; municipal college. Includes a School of Pharmacy.

Founded in 1923. Developed from Detroit Junior College founded in 1915.

Under control of Board of Education and Superintendent of Schools of City of Detroit.

Income from tax levy: $175,000. Fees, $175,000. Total annual expenditures year ending June 30, 1926, $350,000. Budget, 1926–1927, $325,000.

Grounds and buildings: City block. Value of grounds, $2,500,000. Value of buildings, $2,500,000. Equipment, $500,000.

Library: Detroit Public Library is two blocks distant.

Laboratories: 8 Chemistry laboratories, 4 Physics laboratories, 4 Biology laboratories; Psychology, Geology, etc.

Health program: Physical examination. Two gymnasiums, pool, athletic field.

Admission requirements: 15 units, including English, a Foreign Language, Mathematics, Natural Science, History, Civics, Economics, and Geography. Condition of one unit allowed. One year to remove condition.

Degree requirements: 120 semester hours; average grade of C. Discredits are imposed for failed courses. Group requirements: English, 12 hours; Foreign Language, 15 hours; Science or Mathematics, 15 hours; Social Science, Philosophy, etc., 15 hours. Rhetoric 1 and 2 are prescribed.

General requirements: One year of physical training required.

Departments and Staff: Art: *Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Biology: 1, 2, 4. Chemistry: 1, 1, 9. English: 1, 1, 12. French: 1, 0, 4. Geology and Geography: 1, 0, 3. German: 0, 0, 3. Government: 0, 1, 1. Health Education and Physical Training: 1, 0, 4. History, Economics and Sociology: 1, 2, 6. Home Economics: 0, 0, 2. Latin and Greek: 1, 0, 1. Mathematics: 1, 1, 4. Music: 0, 0, 2. Pharmacy: 1, 0, 2. Philosophy: 1, 0, 0. Physics: 1, 2, 2. Psychology: 1, 0, 1. Spanish: 0, 0, 3.

Enrolment for second semester ending June 30, 1926: 1,677: Men, 1,122; women, 555. Total registration for day college for the entire year, 2,017.

Degrees conferred year ending June 30, 1926, 92. Total number of degrees conferred since foundation, 157.

Fees: Matriculation, $10 or $25; graduation, $10; general fees, $75–$150; laboratory, $5 to $10. The lower matriculation and tuition fees are for residents of Detroit.

Scholarships: McKinney, Marsh and Cushing Scholarship in advertising ($1,000). Loan funds, $10,000.

Employment bureau: 50 per cent of students earn part of expenses.

Dates of beginning and ending sessions: September 13, 1927 to June 15, 1928.

Summer session: June 28 to August 20, 1926. Ten departments offered 30 courses. Attendance, 1926, 340.

University extension: Evening classes, total attendance, 1,000 for the year.

Catalog in August.

Administrative officers: Dean ——; Assistant Dean, Albertus Darnell; Registrar, John W. Baldwin.

THE COLLEGE OF THE CITY OF NEW YORK

NEW YORK CITY, N. Y.

The College has a plot equal to about one-quarter of a city block on the corner of Lexington Avenue and Twenty-third Street. On this original site of the College a new

sixteen-story building was erected in 1927. The work here conducted is that of the Commerce Division of the College, known as the School of Business and Civic Administration.

There is also a centre in Brooklyn in the Willoughby Building on the corner of Willoughby and Bridge Streets. This is a ten-story structure of the modern office type. It temporarily houses the Brooklyn Centre of the College. Plans are under way for the acquisition of a campus of about thirty acres and the erection of a group of scholastic buildings similar to the main group on Washington Heights. Evening sessions are conducted in the Boys' High School Building of Brooklyn, and there is a similar Evening Session in the Bryant High School in the Borough of Queens. Furthermore, the College has a center for the instruction of municipal and government employees in the Municipal Building of the City of New York. The School of Education of the College also conducts courses for teachers in some thirty centers throughout the various boroughs of the city. These centers are usualy in Public School Buildings. Although the title of the institution designates it as a college, it contains besides the College of Liberal Arts and Science for men in the regular day sessions, but open to women in the afternoon and evening sessions: the School of Business and Civic Administration open to men and women; the School of Technology, open to men in the day time, but to men and women at night, and the School of Education open to men and women.

Founded in 1847 by act of the Legislature, which referred to the people of the City of New York the question as to whether or not the public school system should be extended by the addition of an institution of academic or collegiate grade. The people approved the idea of extending the common schools upward, and the Board of Education of the city thereupon established what was called "The Free Academy." Students admitted in 1849; powers to grant degrees conferrred in 1853. Subsequently called the College of the City of New York.

Board of trustees consists of 9 residents of the City of New York appointed by the Mayor, each for a term of nine years.

Supported by public taxation. Total annual expenses for year ending June, 1926, $1,715,151.96. Total budget expenditures for 1927 estimated at $2,056,763.77. From Henry Wollman and William Wollman, gift of $300,000 to provide a fund to support a Bureau of Business Research. Alumni fund of $150,000, to which the city added $100,000 and a plot of land, will provide first wing of new library. Total value of the ground, buildings and equipment something over $10,000,000.

Library: 100,000 volumes, 217 current periodicals. Special collections: Simon Newcomb Library for Physics; Simon Newcomb Library for Mathematics; Wolcott Gibbs Library for Chemistry.

Laboratories constructed between 1900 and 1904 have been kept up to date. Electrical Engineering laboratories (1924); equipment cost $50,000.

Historical Museum rich in field of American Revolution and New York City and environments. Natural History Museum.

Observatory.

Medical examination of entering students by Department of Hygiene.

Admission requirements: 15 units, including English 3, History 1, Foreign Languages 5, Mathematics 2½. Persons offering a full quantity of admission units, but not having the prescribed distribution, are required immediately to pursue courses which will fulfil the full requirement.

For degrees of B.A., B.S., and B.S.S., 128 credits. In lecture or recitation subjects normally 1 credit means a recitation a week and 1½ or 2 hours' outside preparation. Prescribed credits for B.A., 87; for B.S., 95; for B.S.S., 90.

Physical training required during Freshman and Sophomore years. Military Science required during the Freshman and Sophomore years, except where a student may take as an alternative, Civilian Drill. Drill or Military Science is not a substitute for the general course in physical development under the Hygiene Department.

Attendance at assemblies required for Freshmen.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 3; *Assistant Professors*, 2; *Instructors*, 3. Biology: 1, 2, 2, 5. Chemistry: 1, 4, 2, 6. Classical Languages:

3, 5, 0, 4. Economics: 1, 3, 4, 27. Education: 2, 1, 2, 52. Engineering: 0, 3, 1, 5. English: 1, 5, 8, 14. Geology: 0, 0, 1, 0. German: 1, 0, 2, 5. Government: 1, 1, 1, 3. History: 3, 3, 2, 5. Hygiene: 0, 2, 3, 16. Mathematics: 3, 4, 8, 8. Military Science: 1, 0, 0, 0. Music: 1, 0, 0, 1. Philosophy: 3, 1, 1, 1. Physics: 1, 1, 2, 5. Public Speaking: 2, 2, 0, 10. Romance Languages: 1, 3, 6, 8. Special Courses: 0, 0, 0, 26.

Enrolment for the year ending June, 1926: 21,220: Men, 16,020; women, 5,200. Day session: Men, 4,162. Evening session: Men, 7,014; women, 2,341. Afternoon session: Men, 1,053; women, 2,455. Preparatory School: Men, 1,126. Summer session (1925): Men, 2,665; women, 404.

Degrees conferred during the year ending June, 1926: 593: Men, 580; women, 13. B.A., 123; B.S., 269; B.S.S., 115; B.B.A., 31; B.S. in Ed., 18; M.B.A., 6; M.S. in Ed., 9; C.E., 9; E.E., 5; M.E., 5; Chem. E., 3. Total number of degrees conferred since foundation, 8,316.

Fees: Matriculated students receive instruction free of charge except in certain courses of advanced or special character. Tuition fee for an advanced course is $2.50 an attendance hour a week during the term.

Non-matriculated students are required to pay tuition fees for all courses which they are permitted to pursue, at the rate of $2.50 an attendance hour a week during the term, unless they take special courses, in which case they pay the stated special fees.

Government employees who do not qualify as matriculated students are admitted as non-matriculated students upon payment of half the normal fee, unless they take special courses, in which case they pay the special stated fees.

Students in the School of Education are required to pay a registration fee of $2 each semester.

Students in the Evening Session who are pursuing courses credited toward any professional degree, diploma, or certificate, are required to pay a registration fee of $2 each term. This regulation does not apply to matriculated students who are confining their studies to the free courses of the College of Liberal Arts and Science, nor to students taking only special courses not credited toward any degree or diploma.

Scholarships: 10 of $250 each. Graduate Scholarship Fund.

Employment bureau: About 10 per cent of the student body earned their way completely through the college year. Total earnings reported to the office by 1,965 students, October 1, 1925 to November 1, 1926, $40,250.55.

Dates of beginning and ending sessions: 1927–28: Autumn session: September 22, 1927; January 30, 1928. Spring session: February 9, 1928; June 15, 1928.

Summer session: June 28 to August 22, 1928. 18 departments offered 76 courses in 1925. Attendance, 3,069.

University extension: Evening session offers courses in School of Liberal Arts and Science, in School of Business, in School of Technology, and in School of Education. Both matriculated and non-matriculated students are offered instruction, and all courses are open to both men and women. As part of a program of adult education, there is an arrangement whereby graduates of both day and evening high school may go on with general or special studies in the evening college. The curriculum includes not only regular degree courses, but also special and short courses to meet special needs. The School of Education offers courses in the afternoon to teachers and to students of Education.

Publications: Register published in January. Bulletin published in April; a reprint from the Register, giving the history of the College, the requirements for admission, and the announcement of courses.

Administrative officers: President, Frederick B. Robinson; Dean of School of Education, Paul Klapper; Dean of School of Technology, Frederick Skene; Dean of College of Liberal Arts and Sciences, Daniel W. Redmond; Registrar, Martin Gottschall.

THE COLLEGE OF EMPORIA

EMPORIA, KANSAS

Privately controlled coeducational college under control of Synod of Kansas, Presbyterian Church, U. S. A.

Founded by the Presbyterian Synod of Kansas in October, 1882. Instruction began November 1, 1883.

Board of 21 trustees elected by the Synod of Kansas.

Endowment: $415,000. Conditional pledges on a Million Dollar Campaign, $900,000. Annual income from churches, $25,000. Total annual expenditures about $125,000.

Campus of 42 acres. Two residence halls for women (170); 1 residence hall for men (350). Total value of grounds and buildings about $1,100,000.

Anderson Library (1901): 18,000 volumes exclusive of government documents; 130 periodicals. George W. Martin Kansasana Collection. William S. Culberton Drama Collection.

Laboratories: Lewis Hall of Science (1915). Equipment: $19,500.

Health program: Physical examination on entrance required. Mason Gymnasium and swimming-pool. Part-time nurse and hospital suite for women in the dormitory.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1 and Science 1; only 4 vocational units accepted. One condition allowed, condition to be removed during first semester in residence.

Degree requirements: 120 semester credit hours and 4 semesters physical training. Prescribed: 2 hours Bible each year; 6 hours Composition and Rhetoric in Freshman year; 2 years of some one Foreign Language, unless student presents at least 2 years secondary language credit, major of 24 to 30 hours; minor of 12 hours; 6 semester hours in each of 8 departments; 60 honor points secured by grade above lowest passing grade.

Daily chapel attendance required.

Departments and Staff: Astronomy: *Professor*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bible and Religion: 1, 0, 0, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 1. Classical Language: 1, 0, 0, 0. Economics, Sociology and Business Administration: 1, 0, 0, 0. Education: 1, 0, 0, 0. English Language and Literature: 1, 0, 0, 2. Expression and Public Speaking: 1, 0, 0, 1. French: 1, 0, 0, 0. Geology: 1, 0, 0, 0. German: 0, 0, 0, 1. History: 1, 0, 0, 0. Home Economics: 0, 0, 0, 1. Journalism: 0, 0, 0, 1. Mathematics: 1, 0, 0, 0. Engineering Drawing: 1, 0, 0, 0. Music: 1, 0, 0, 2. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: 0, 0, 0, 3. Physics: 1, 0, 0, 0. Political Science: 1, 0, 0, 0. Spanish: 0, 0, 0, 2. School of Music: 1, 0, 0, 4.

Enrolment: College: 447: Men, 239; women, 208. School of Music: 158: Men, 49; women, 109. Totals exclusive of duplicates: 469: Men, 240; women, 229.

Degrees conferred in 1926: 64 A.B. degrees, 3 D.D., 1 LL.D. Degrees conferred since foundation, 780.

Fees: Tuition fees: $4 a semester hour; laboratory fees, $1 to $7 a course. Rooms, $50 to $135 a year. Board at college dining hall, $200 a year. Student activity ticket, $12 a year; gymnasium fee $5 a year. Minimum fixed cost, not including laundry, traveling, clothing, $425; medium, $650; liberal, $900.

Scholarships: One-half tuition for children of ministers. Scholarships awarded 1925–26 amounted to $1,200. Loan fund, $13,256.96.

Employment bureau: Three-fourths of men earn part of expenses during school year; one-third of men earn all expenses. One-fourth of women earn part or all of expenses during college course or before.

Dates of opening and closing sessions: Usually not earlier than September 3 and not later than September 10; continues 36 weeks exclusive of vacations.

Catalog in March.

Administrative officers: President, Frederick W. Lewis; Dean of the College of Liberal Arts, Conrad Vandervelde; Dean of Women, Evelyn Gardner; Registrar, Fayette T. Owen; Dean of the Department of Music, D. A. Hirschler; Officer in Charge of Foreign Students, Conrad Vandervelde.

COLLEGE OF IDAHO

CALDWELL, IDAHO

Coeducational. College of Arts and Sciences. Privately controlled by Synod of Presbyterian Church of Idaho.

Located in Caldwell, Idaho, April 19, 1890. Opened October 7, 1891. Until 1906

offered secondary training only. Secondary work discontinued in 1916.

Board of 12 trustees, 8 of whom are members of the Presbyterian Church in the United States of America. The President of the College is ex officio a member of the board of trustees.

Endowment: $346,380.97. Income from endowment, $19,595.92. Total annual expenditures year ending June 30, 1926, $81,-609.67. Budget, 1926–27, $86,000.

Grounds and buildings: Total value of grounds, $27,500. Total present worth of buildings, $106,000. Total value of grounds, buildings and equipment, $160,683.66. Campus, 35 acres. Residence Hall for women (65); residence hall for men (35).

Library (1926): 8,000 volumes; 30 current periodicals.

Laboratories: Value of laboratory equipment: Physics, $1,413.76; Biology, $2,814.22; Chemistry, $3,921.65.

Admission requirements: 15 units, English 3, History 2, Foreign Language 2, Natural Science 2, Algebra 1, Geometry 1.

Degree requirements: 128 semester hours. Music, Art, Physical Training, etc., may count for not more than 8 semester hours. An average grade of 76 per cent or above in three-fourths of credits presented for graduation. One major with related minor subject. At least 8 semester hours in Department of Bible required.

Departments and Staff: Bible: *Professors*, 1; *Associate Professors*, 0. Biology: 2, 0. Chemistry: 1, 1. Economics and Political Science: 1, 0. Education: 1, 2. English: 1, 2. French: 1, 0. German: 1, 0. History: 1, 0. Home Economics: 1, 0. Latin and Greek: 1, 0. Mathematics: 1, 0. Philosophy: 1, 0. Physics: 1, 0. Spanish: 1, 0. Speech: 1, 0.

Enrolment for year ending June 30, 1926: 431: Men, 172; women, 259. Total number of matriculates since foundation, 1,841.

Degrees conferred year ending June 30, 1926, 52. Total number of degrees conferred since foundation, 305.

Fees: Tuition, $50 a semester; graduation, $5; laboratory, $2–$8 and other material fees; lodging and board, $144. Annual expenses: Liberal, $1,000; low, $350.

Dates of beginning and ending sessions: September 15, 1927; June 4, 1928.

Catalog in March.

Administrative officers: President, Wm. J. Boone, D.D.; Registrar, Bess Steunenberg; Dean of Women, Carrie S. Blatchley.

THE COLLEGE OF INDUSTRIAL ARTS, THE TEXAS STATE COLLEGE FOR WOMEN

C. I. A. STATION, DENTON, TEXAS

Created by act of the Texas State Legislature in 1901 and maintained by biennial legislative appropriation. The first session began September, 1903.

Board of Regents consisting of six members, nominated by the governor of the State and appointed by and with the advice and consent of the Senate. College is divided into twenty instructional departments, grouped in five schools with a dean at the head of each school: School of Liberal Arts, of Fine and Applied Art, of Industrial Arts and Sciences, of Home Economics, and of Education.

Financial resources: Income, Legislature, fees, self-sustaining institutions: $630,000. Total annual expenditures year ending June 30, 1926, $532,700. Budget, 1926–27, $480,-000.

Campus of 100 acres, located within city limits, valued at $253,900. Five residence halls for women. Total value of grounds, buildings and equipment, $2,058,600.

Library, in process of construction, cost $150,000; 22,500 volumes, 150 current periodicals.

Health program: Health examination given at the beginning of each college session. New students and second-year students have a physical examination by Department of Physical Education and a Health Examination by college physician. Gymnasium ($170,000, 1920–21.) Nine acres devoted to out-of-door activities. "Hygeia," a Hospital on campus, contains 25 beds, offices, etc., and is under direct supervision of a full-time physician.

Admission requirements: 15 units, including English 3, Algebra 2, Plane Geometry 1, History and Civics 2, Foreign Language 2.

Conditional admission if candidate can present 3 units in English and 12 other admission units.

Degree requirements: Entrance requirements and 186 quarter hours (equivalent to 124 semester hours) of college work, including a group of required courses; 62 grade points (equivalent to a general average grade of C).

General requirements: Physical culture required 3 hours a week during first 2 years. Attendance required at weekly assembly. All out-of-town students have their meals in the college dining halls. About 850 of these students also have rooms in the residence halls. The remainder room in approved private houses near the campus.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 2. Chemistry: 1, 1, 0, 3. Economics and Government: 1, 0, 1, 0. English: 1, 2, 6, 4. Fine and Applied Art: 2, 2, 2, 4. Health and Hygiene: 1, 0, 0, 0. History: 2, 1, 1, 1. Household Arts: 1, 1, 9, 5. Journalism: 1, 0, 0, 1. Languages: 1, 0, 3, 4. Mathematics: 1, 0, 1, 2. Music: 1, 2, 1, 7. Philosophy and Education: 1, 0, 9, 5. Physical Education: 0, 0, 2, 4. Physics: 1, 0, 0, 1. Rural Arts: 0, 1, 0, 0. Secretarial: 1, 1, 0, 3. Sociology: 1, 0, 1, 0. Speech: 0, 0, 3, 2. Extension: 0, 0, 1, 0. Library: 0, 0, 1, 0. Bible: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: Summer session, 1925, 666; regular session, 1925–26, 1,809; total, 2,475. 27,925 matriculates to October 1, 1926.

Degrees conferred year ending June 30, 1926, 244; total number of degrees conferred since foundation, 1,439.

Fees: Fee of $16 a quarter covers all general and special fees. A book, laboratory and material deposit fee of $6 a year is charged, but this is refundable if no breakage or loss is charged against it. Room and board in the residence halls is $27.50 a month. Expenses for year: Liberal, $800; low, $425.

Employment bureau: Percentage of students who earned way through college during year ending June 30, 1926, 14½. Total earnings reported to office, $36,745. Total number of students reporting, 266.

Dates of beginning and ending session: September 19, 1927; June 4, 1928.

Summer session: June 5 to September 17, 1928. In 1926 18 departments offered instruction.

Publications: Catalog in June. President's report, biennial.

Administrative officers: President, Louis H. Hubbard; Dean of the College, E. V. White; Registrar, Walker King.

COLLEGE OF MOUNT SAINT VINCENT

MOUNT ST. VINCENT-ON-HUDSON, NEW YORK

Catholic college for women, privately controlled.

Chartered April 19, 1911, by the Regents of the State of New York.

Self-perpetuating board of trustees consisting of eight Sisters of Charity, including the Mother Superior of the Community and the Dean of the College.

Grounds and buildings: Eleven buildings on land valued at about $1,000,000.

Library: 15,873 volumes; 1,378 periodicals.

Laboratories: Separate halls for Biology, Chemistry and Physics. Scientific apparatus valued at $28,000.

Health program: Gymnasium. Prescribed corrective physical training, freshmen and sophomore years. Full-time nurse.

Admission requirements: 15 units, including English 3, Foreign Languages 6, History 2, Mathematics, 2, Science 1. Two conditions allowed at entrance, to be removed within one year.

Degree requirements: 136 semester hours earned during four years. Prescribed courses in Religion, Scripture, Church History, Philosophy, English, Foreign Languages, Mathematics, Science and History. A.B. degree is offered to students taking all prescribed courses including two years of Latin or Greek in addition to six years entrance requirements in two foreign languages. All other students in Liberal Arts and Science are offered the B.S. degree.

Departments and Staff: Economics: *Professors*, 1. Education, 5, English 4, Foreign Languages (Ancient and Modern) 10, His-

tory 3, Mathematics 3, Philosophy 3, Religion 2, Science 2, Scripture 1, Sociology 1.

Enrolment limited to 500. Total number of matriculates since foundation, 1,000.

Degrees conferred year ending June 30, 1926: A.B., 53; B.S., 15; M.A., 6. Total number of degrees conferred since foundation, 450.

Fees: Annual tuition fee, $200; matriculation, $5; graduation, $35; board and room, $500; laboratory and other fees approximate $25.

Scholarships amounting to $25,000 awarded during year 1925–26.

Dates of beginning and ending sessions: First term, third Monday of September; continues for 17 weeks. Second term: First Monday of February; continues for 17 weeks. Commencement first Tuesday of June.

Catalog during second semester.

Achievements of year ending June 30, 1926: Marillac Hall dormitory (80) completed.

Administrative officers: President, His Eminence Patrick Cardinal Hayes, Archbishop of New York; Dean, Sister Josephine Rosaire.

COLLEGE OF NEW ROCHELLE

NEW ROCHELLE, NEW YORK

Catholic College of liberal arts for women, privately controlled.

Self-perpetuating board of trustees.

The College of Saint Angela was founded at New Rochelle in July, 1904, by the Ursuline Nuns of New Rochelle. Name changed to College of New Rochelle, 1910.

Income for year ending June 30, 1926, $423,822; expenditure for same period, $423,119.

Campus of 20 acres; 19 buildings; all but 3 are residences.

Library: 17,000 volumes, exclusive of pamphlets and public documents.

Laboratories: Science Hall (1926) cost $180,000; Biology, Chemistry and Physics.

Health program: Medical and physical examination required at entrance. Gymnasium. Athletic field. Infirmary. Two years of physical education required.

Admission: 15 units. Entrance conditions must be removed before Sophomore year.

Degree requirements: 136 semester hours. In addition to prescribed work candidate must complete 24 semester hours in a major subject, and 12 semester hours in each of two minor subjects.

General requirements: Students must reside at home or in halls of residence. Catholic resident students required to attend religious services in College Chapel on Tuesdays and Sundays. Students of other faiths are required to attend the services of their respective denominations on Sundays.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0; *Lecturers*, 0. Chemistry: 1, 0, 0, 0, 0. Economics and Sociology: 1, 0, 0, 0, 3. Education: 1, 0, 0, 0, 5. English: 1, 0, 0, 1, 3. German: 1, 0, 0, 0, 0. Greek and Latin: 1, 1, 0, 1, 0. History: 1, 0, 0, 0, 2. Library Science: 1, 0, 0, 0, 0. Mathematics and Physics: 1, 1, 0, 0, 1. Music: 1, 0, 0, 9, 0. Philosophy and Religion: 1, 0, 0, 1, 0. Physical Training: 0, 0, 0, 1, 0. Romance Languages: 2, 0, 0, 2, 1. Secretarial Training: 0, 0, 0, 1, 1. Astronomy, Fine Arts and Geology given in some years.

Enrolment: Year ending June 30, 1926, 622. Total number of matriculates since foundation, 1,150.

Degrees conferred, June, 1926, 109.

Fees: Annual tuition, $200. Annual charge for board and room, $445–$800. Necessary fees and incidental expenses approximate $50.

Forty-three scholarships.

Dates of beginning and ending of sessions: September 21, 1927; June 9, 1928.

Summer session: July 5 to August 10. Attendance, 1925, 90.

Catalog annually.

Achievements for year ending June, 1926. Completion of Brescia Hall residence; cost $296,000.

Officers of Administration: President, Right Reverend Monsignor John P. Chidwick; Dean, Mother M. Ignatius; Registrar, Mother M. Xavier.

COLLEGE OF NOTRE DAME OF MARYLAND

BALTIMORE, MARYLAND

Catholic College for women. Privately controlled.

Chartered in April 1896, by State of Maryland.

Governed by the Superiors of the Religious Order of the School Sisters of Notre Dame.

Endowment: $435,000. Income from endowment, $26,000. Income from tuition and other fees, $56,000. Total annual expenditures for administration and instruction, $18,000. Campaign fund for gymnasium building, $30,000 subscribed.

Grounds, 64 acres. One residence hall (150 women). Value of grounds, buildings and equipment approximately $3,500,000.

Laboratories: Equipment valued at $25,000.

Health program: Prescribed physical training for all students. Full-time nurse. Medical inspection of all Freshmen at entrance. Gymnasium (1926), $450,000.

Admission requirements: 16 units, including English 4, Latin 2, Modern Languages 2, Mathematics 2, History 2, Science 1. Two conditions allowed; must be removed by end of Sophomore year.

Degree requirements: 128 semester hours during four years with an average grade of C (75 per cent). Prescribed courses in English, History, Language, Philosophy, Religion, Science and Physical Training. Concentration on major and minor subjects in last two years.

General requirements: Attendance at Chapel required on Sundays and Holydays. Students whose parents do not reside in Baltimore must live in the College dormitories.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 1. Chemistry: 1, 0. Education: 1, 0. English: 1, 1. French 1, 1. German: 1, 0. Greek: 1, 0. History and Economics: 1, 0. History of Art: 1, 0. Italian and Spanish: 1, 0. Latin: 1, 0. Mathematics and Physics: 1, 0. Music: 2, 0. Philosophy and Religion: 1, 2. Physical Education: 1, 0.

Enrolment for year ending June 30, 1926, 140. Total number of matriculates since foundation, 1, 100.

Degrees conferred year ending June 30, 1926: 22 A.B. Total number of degrees conferred since foundation: 144.

Fees: Annual tuition, $200; matriculation, $5; graduation, $10; laboratory, $15 a year; room and board, $475 to $525. Annual expenses: Liberal, $800; low, $675. Total yearly fees and incidental expenses and books approximate $50.

5 scholarships.

Dates of beginning and ending sessions: September 20, 1927; June 6, 1928.

Summer session: July 5 to August 14, 1928.

Achievements of year ending June 30, 1926: New gymnasium and auditorium, $450,000.

Administrative officers: President, Sister Mary Philemon; Dean, Sister Mary Immaculata; Registrar, Sister Mary Gratia.

COLLEGE OF PUGET SOUND

TACOMA, WASHINGTON

College of Liberal Arts. Coeducational. Privately controlled, under auspices of Methodist Episcopal Church.

Successor to Puget Sound University, which was incorporated under auspices of the Methodist Church, March 17, 1888. Reincorporated in 1903 as University of Puget Sound; in 1903 name again changed to College of Puget Sound. In the beginning it had a four-year academy and a business school in addition to four-year college course, and a two year normal department. Business college discontinued in 1914; academy in 1916; normal school will be discontinued in 1927, leaving the institution strictly a college of arts and sciences. October 1, 1915 was the date of completion of the first endowment campaign. In 1920 settlement of James J. Hill Estate gave the college an endowment of $250,000. November 1, 1926, its invested endowment amounted to over $704,000, with outstanding subscriptions of about $600,000 more.

Board of 36 trustees elected by the Puget Sound and Columbia River Annual Con-

ferences and the Alumni Association. About one-third of the board are ministers. Five denominations are represented on the board. The same number of denominations are represented on the faculty.

Endowment: $677,886.01. Income from endowment, $39,724.47. Income from fees: $46,316.63; rentals, $1,454.66; dormitory, $876.25; church, $5,850; miscellaneous, $484.33. Total annual expenditures year ending June 30, 1926, $98,920.16. Budget, 1926–27, $106,000. Gifts for endowment: Rockefeller gift, $94,391.71. Various gifts, $7,385.12.

Grounds and buildings: Campus, 40 acres, valued at $142,567. Total present worth of buildings, $339,192. Total value of grounds, buildings and equipment, $526,117.

Library: 8,448 volumes, including 1,250 government documents; 94 current periodicals.

Laboratories: Present worth of buildings, $56,000. Science Hall to be completed in 1927 at a cost of $150,000. Value of equipment, $27,336.

Health examinations at beginning of each college year. Gymnasium (1925).

Admission requirements: 15 units: English 3, Mathematics 2, History 1, Foreign Language 2, Science 1. One additional unit from these five groups. 3 units of conditions in scholastic requirements if full 15 units are offered for entrance. Must be removed during Freshman year.

Degree requirements: 120 semester hours; 120 points. Major: not less than 24 or more than 45 semester hours. Not less than 12 semester hours from Junior and Senior courses. Two minors: 15 semester hours each. Prescribed courses: English, 6 hours; Foreign Language, 14; Social Science, 12; Public Speaking, 2; Religious Education, 3; Philosophy, Psychology, Education, 9.

Chapel attendance required.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 0, 0. Business Administration and Economics: 1, 0, 0, 0. Chemistry: 1, 1, 0, 0. Education: 2, 0, 0, 0. English: 2, 1, 0, 4. French: 1, 0, 0, 1. Geology: 0, 1, 0, 0. German: 0, 1, 0, 0. History and Political Science: 2, 0, 0, 0. Home Economics: 0, 1, 0, 0. Latin: 0, 1, 0, 0. Library Science: 0, 0, 0, 1. Mathematics and Astronomy: 1, 0, 1, 0. Music: 1, 0, 0, 1. Philosophy: 1, 0, 0, 0. Physical Education: 0, 0, 0, 2. Physics: 1, 0, 0, 0. Psychology: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 1. Religious Education: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Spanish: 0, 1, 0, 0.

Enrolment for year ending June 30, 1926: College, 423; Men, 190; women, 233.

Degrees conferred year ending June 30, 1926: A.B., 31; B.S., 5; LL.D., 1; D.D., 1. Total number of degrees conferred since foundation, 386.

Fees: Annual incidental fee, $137; student body fee, $13; laboratory fees, from $2 to $9; graduation, $5; lodging and board, $310. Annual expenses: Liberal, $650; low, $486.

Fifteen scholarships, $68.50 each. Ten student assistantships, $65.50 to $137 each.

Employment bureau: 65 per cent of the students earned their way through college.

Dates of beginning and ending sessions: First semester: September 14, 1927 to January 28, 1928. Second semester: January 30, to June 11, 1928.

Summer session: June 18 to August 17, 1928. In 1926 17 departments offered 44 courses. Attendance, 1925, 123.

University extension: Evening classes for school teachers of city of Tacoma.

Catalog in April.

Achievements of year ending June 30, 1926: Board of Trustees voted to cease offering two-year normal course.

Administrative Officers: President, Edward Howard Todd, D.D.; Dean, Allan C. Lemon; Dean of Women, Louisa McIntosh; Dean of Men, Coral Wesley Topping; Registrar, Allan C. Lemon.

COLLEGE OF THE SACRED HEART

MANHATTANVILLE, NEW YORK

College for women under the direction of the Religious Order of the Sacred Heart.

Developed from Manhattanville Academy which was founded in 1847 on the present site of the college. Provisional charter granted by Regents of the University of the State of New York on March 1, 1917. Absolute charter on May 29, 1919.

Board of 13 trustees.

Endowment: $600,000.

Grounds and buildings: Total value of grounds, 17 acres, buildings and equipment, $1,286,900.

Admission requirements: 16 units, including English 3, History 1, Foreign Language 7, Mathematics 3.

Degree requirements: Minimum requirement for A.B. or B.S., 128 credits. Prescribed credits for A.B. include English 18, History 12, Philosophy 12, Bible 6, Religion and Ethics 6, Psychology 6, Economics 4, Sociology 6, Latin or Greek 12, Advanced Modern Languages 12, Natural Science 6, Mathematics 6. An essay is required in some subject drawn from Ethics, Æsthetics, or History.

Departments and Staff: Art: *Professors* 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Chemistry and Physics: 1, 0, 0, 0. English: 1, 0, 2, 3. French: 1, 0, 0, 1. German: 1, 0, 0, 0. History: 1, 1, 1, 0. Italian: 1, 0, 0, 0. Latin and Greek: 1, 1, 0, 1. Mathematics: 1, 0, 0, 0. Music: 1, 1, 0, 4. Philosophy: 1, 1, 0, 0. Sociology and Education: 1, 0, 0, 2. Spanish: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 155. Total number of matriculates since foundation, 534.

Degrees conferred year ending June 30, 1926, A.B., 29. Total number of degrees conferred since foundation, 143.

Tuition: Residence, tuition for the year, $700 or $800. Tuition and dinner for non-resident students, $350.

Dates of beginning and ending sessions: September 22, 1925; December 18, 1925. January 7, 1926; March 31, 1926. April 8, 1926; June 8, 1926.

Summer session: Departments of Music and Art offered 10 courses. Attendance, 1925, 180.

Administrative Officers: President, Charlotte Lewis; Dean, Ellen C. Green; Registrar, Mary B. Tenney.

THE COLLEGE OF ST. CATHERINE

ST. PAUL, MINNESOTA

Catholic College of Liberal Arts for women. Privately controlled.

Founded in 1904, by the Most Reverend John Ireland.

Self-perpetuating board of trustees. Conducted by the Sisters of St. Joseph of Carondelet.

Endowment: $300,000. Income from endowment, $20,138. 61. Income from other sources, $201,512.03. Total annual expenditures year ending June 30, 1926, $175,-866.55.

Grounds and buildings: Campus of 108 acres valued at $162,966.03. Total present worth of buildings, $1,120,010.66. Total value of grounds, buildings and equipment, $1,457,695.90.

Library: 20,300 volumes, 75 current periodicals.

Laboratories: Science Hall, being planned, will cost $250,000.

Health program: Health examinations each quarter. Infirmary. Gymnasium.

Admission requirements: Certificates from high schools accredited by the State or approved by the North Central Association admit students to the college.

Degree requirements: For the A.B. degree, 180 credit hours required with as many honor points. Primary and secondary sequences prescribed; for those preparing to teach, 23 credits in education.

General requirements: Two years of physical culture required. Chapel attendance required daily and Sunday.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Biological Science: 1, 1, 0, 0. Chemistry and Physics: 1, 0, 1, 1. Classical Languages: 1, 0, 1, 1. English: 3, 1, 2, 0. German: 1, 0, 0, 1. Home Economics: 1, 0, 0, 0. Library Science: 1, 0, 1, 0. Mathematics: 1, 0, 0, 0. Music: 2, 1, 2, 2. Physical Education: 1, 0, 0, 0. Political and Social Sciences: 2, 1, 1, 0. Psychology and Education: 1, 0, 1, 0. Religion and Philosophy: 1, 1, 2, 0. Romance Languages: 1, 1, 0, 2.

Enrolment for year ending June 30, 1926, 430. Total number of matriculates since foundation, 1,555.

Degrees conferred year ending June 30, 1926, 76. Total number of degrees conferred since foundation, 364.

Fees: Tuition, including room and board, $600 a year; matriculation, $5; graduation, $20; laboratory, $5. Total annual expenses: Liberal, $800; low, $600.

Scholarships: From 30 to 40 student service scholarships.

Research funds sufficient to support 3 faculty members at an American or a foreign university each year.

Dates of beginning and ending sessions: First semester: September 22; December 17, 1927. Second semester: January 5, June 8, 1928.

Summer session: June 26, 1926 to July 31, 1926. Attendance, 1925, 106.

Publications: Bulletin quarterly.

Achievements of year ending June 30, 1926: Appropriation received for Science Hall. Tutorial system introduced into Senior College English classes. $25,000 received for library.

Administrative Officers: Dean of the College, Sister Antonia; Registrar: Sister Ste. Helene; Officer in charge of Foreign Students, Sister Eleanore.

THE COLLEGE OF SAINT ELIZABETH

CONVENT STATION, NEW JERSEY

Catholic College for women, privately controlled, conducted by the Sisters of Charity.

Chartered in 1899 by legislature of State of New Jersey. Opened in September, 1899.

Self-perpetuating board of trustees, the majority of whom are Sisters of Charity.

Financial resources: Annual expenditures for year ending June 30, 1926, $276,050.34. Annual expenditures for administration and instruction, $15,539.46.

Grounds and buildings: Total value of grounds, 400 acres, $60,000. Total present worth of 7 buildings, $2,049,260. Total value of grounds, buildings and equipment, $2,495,800. Two residence halls (206; 110).

Library: 14,600 volumes, exclusive of government documents; 47 current periodicals.

Laboratories: Value of equipment: Physics, $6,000; Biology, $5,000; Botany, $8,000; Chemistry, $15,000; Geology, $5,000; Home Economics, $2,000.

Health program: Physical examination of Freshmen at entrance. Gymnasium. Athletic fields. Infirmary; trained nurse.

Admission requirements: 15 units, including English 3, Mathematics 3, History 1. For B.A. degree: Foreign Language 6 (Latin, 3 or 4; a second language, 3 or 2); Elective 2. For B.S. degree: Foreign Language 4 (2 in each of two languages); Chemistry 1, Physics 1, Elective 2. For the B.Mus. degree: Foreign Language 4 (2 in each of two languages); Physics 1, Applied Music 1, Elective 2. One unit of condition allowed. Must be removed by end of Freshman year.

Degree requirements: 66 year hours, or 132 semester hours. At least 6 hours in each of the four years must be of grade B. A major of 12 year hours, exclusive of prescribed work, must be taken in some one department.

General requirements: Physical training required during Freshman and Sophomore years. All students who do not live in their own homes required to reside at the college.

Departments and Staff: Biology: 1. Botany: 1. Chemistry: 3. Education: 1. English: 5. French: 2. Geology: 1. German: 1. Greek and Latin: 2. History: 3. Home Economics: 3. Mathematics: 3. Music: 5. Philosophy: 1. Physical Education: 1. Physics: 1. Political and Social Sciences: 2. Religion: 2. Spanish: 2.

Enrolment for year ending June 30, 1926, 328. Total number of matriculates since foundation, 1,303.

Degrees conferred year ending June 30, 1926, 65: Bachelor of Arts, 42; Bachelor of Letters, 11; Bachelor of Science, 7; Bachelor of Music, 5. The course leading to the degree of Bachelor of Letters discontinued. Total number of degrees conferred since foundation, 511.

Fees: Annual tuition, $200; matriculation, $5; graduation, $15; library fee, $5; laboratory fees, $15 to $20; board, $400; room, $100 to $350. Annual expenses: Liberal, $1,000; low, $750.

Scholarships: 12 scholarships, $6,000 annually.

Dates of beginning and ending sessions: First semester: Monday nearest September 20th; second semester: First Monday of February. Commencement second Thursday of June.

Publications: Catalog in spring.

Achievements of year ending June 30, 1926: Completion of a new residence hall

(200), cost, $750,000. Of this sum $157,000 raised by Alumnæ.

Administrative Officers: President, ex officio: Rt. Rev. John J. O'Connor; Dean, Sister Marie José Byrne; Registrar, Sister Blanche Marie Maskell. The Dean is in charge of foreign students.

COLLEGE OF SAINT TERESA

WINONA, MINNESOTA

Catholic College of Liberal Arts; for women, conducted by Sisters of St. Francis.

Opened in 1910.

Board of 5 trustees who are members of the corporation under whose charter the college operates.

Financial resources: Endowment, $500,000; income from endowment and other productive funds, $45,000; income from fees, etc., $175,000. Total annual expenditures year ending June 30, 1926, $225,614.17.

Grounds: 53 acres; 8 residence halls (350). Total value of grounds, $95,886. Total present worth of buildings, $2,179,222. Total present value of grounds, buildings and equipment, $2,305,813.

Library: 22,000 volumes, 196 current periodicals.

Laboratories: Chemistry, Physics, Biology. Value of equipment, $250,000.

Health program: Gymnasium. Infirmary.

Admission requirements: 16 credits, including for A.B.: English 4, Latin 4, Mathematics 2½, History 2, Science 2½, French or Spanish 1. For B.S.: English 4, Latin 2, Mathematics 2½, History 2, Science 3½, French or Spanish 2.

Degree requirements: 120 semester points. 60 points represent prescribed work, the remaining elective. Prescribed points: English 12, Mathematics 6, History 6, Science 8, Philosophy 12, Classical Language 8, Modern Language 8. Major subject and two minor subjects.

General requirements: All Catholic students required to carry in addition to regular scholastic work, one 3-hour course in Religion each year. Physical culture prescribed for Freshmen and Sophomores. Daily chapel attendance required.

Departments and Staff: Biology 1; Chemistry 3; Economics and Social Science 2; Education 5; English 5; French 2; Germanic Languages 1; Greek 1; History 4; Latin 6; Liturgical Music 1; Mathematics 6; Philosophy 2; Physical Education 1; Physics 2; Public Speaking and Play Production 3; Religion 2; Spanish and Italian 1.

Enrolment for year ending June 30, 1926, 537.

Degrees conferred year ending June 30, 1926, 40. Total number of degrees conferred since foundation, 208.

Fees: Matriculation, $10; graduation, $20. Charge for lodging and board, $350; tuition, $150 a year; laboratory fees, $15 to $25.

Scholarships: For foreign students: one French, one Italian, one English, one Belgian. If in any year a student is not using the scholarship of any one of these countries, two students from some other country may be accepted.

Employment bureau: 37 students earned $3,185.

Dates of beginning and ending sessions: First semester, Monday nearest September 20. Commencement Tuesday nearest June 15.

Summer session: Dates, June 29–August 9. Attendance, 250.

Publications: Bulletins issued quarterly.

Administrative officers: President, Mother Mary Leo Tracy; Dean, Sister Mary Aloysius Molloy; Registrar, Sister Mary Rachael Dady.

COLLEGE OF ST. THOMAS

ST. PAUL, MINNESOTA

Catholic College for men conducted by Diocesan Clergy.

Founded in 1885.

Financial resources: Endowment, $300,000. Income from endowment, $17,000. Total annual expenditures year ending June 30, 1926, $260,000.

Grounds and buildings: Six blocks. Total value of grounds, $175,000. Total present worth of buildings, $700,000. Total value of grounds, buildings and equipment, $1,000,000. Residence halls (400).

Health program: Gymnasium (1912);

athletic field (1910). Infirmary with registered nurse.

Admission requirements: 15 units, including English 4, Mathematics 2, Science 1.

Degree requirements: For A.B. and B.S.: 124 credits. Major, 24; minor, 12. Honor points must equal credits. In major, grade B required.

Departments and Staff: Accounting: *Professors*, 3; *Assistant Professors*, 1. Biology: 1, 0. Chemistry: 3, 1. History: 2, 0. Language: 7, 0. Physics: 1, 0. Social Sciences: 3, 1.

Enrolment for year ending June 30, 1926: Science and Liberal Arts, 300; Education, 46; Commerce, 70; Law, 40.

Degrees conferred year ending June 30, 1926, 57. Total number of degrees conferred since foundation, 360.

Fees: Graduation, $10; laboratory, $15 a year; lodging and board, $420. Annual expenses: Liberal, $1,000; low, $510.

Dates of beginning and ending sessions: September 16, 1927; June 6, 1928.

Catalog in January.

Rector, Very Reverend T. E. Cullen; Vice Rector, Reverend J. P. Foley; Registrars, Reverend D. J. Gormly, J. Frederick Dieges; Dean, College of Liberal Arts, Reverend M. A. Saunders; Dean, College of Commerce, Reverend M. A. Ryan; Dean, College of Education, Reverend J. A. Schabert.

THE COLLEGE OF WILLIAM AND MARY IN VIRGINIA

WILLIAMSBURG, VIRGINIA

Liberal Arts College; coeducational; State controlled.

History: The College of William and Mary in its antecedents reaches back to the effort, begun in 1617, to establish in Virginia the University of Henricopolis. The Indian massacre of 1622 brought this effort to naught, and George Thorpe who had been sent over to be deputy of the company to have charge of the college lands was killed, as were many others interested in the endeavor. The project was revived in 1660, and in 1692 the Reverend Dr. James Blair, Commissary in Virginia of the Bishop of London, went to England to secure friends and funds for the college. King William and Queen Mary granted the college the income from the tobacco tax, and 20,000 acres of land for which the college was to pay a yearly rent of two copies of Latin verse, and London merchants pledged £3,000. Some pirates whose pardon Dr. Blair secured donated £300. Governor Nicholson of Virginia appointed certain persons in the colony to solicit subscriptions. The charter for the college was issued in 1693 by the English king and queen whose name it bears.

Main college building was designed by Sir Christopher Wren and was built in 1697. The chapel wing was built in 1732. In 1705, 1859, and again in 1862 this building fell victim to devastating fire. The ancient walls were, however, so thickly and firmly built that they have been able to preserve a marred but unbroken continuity through these and other experiences of the past centuries. During the Yorktown campaign Washington used the college as a hospital. The Brafferton building was erected in 1723 out of funds secured from the rents of the Brafferton estate in Yorkshire, England, made available by the bequest of the Honorable Robert Boyle, the great English scientist. It was originally used as the Indian School of the college, and in it were quartered the Indians and the Master of the Indian School.

The President's house was built in 1732. In June, 1781, for a few days it was occupied by Lord Cornwallis, and after the Battle of Yorktown it was occupied by officers of the French army, and while in their possession was accidentally burned. The walls withstood the fire, and the building was restored by King Louis XVI from his private exchequer. During the war between the States this building was used for some time by the officers of the U. S. Army.

Among the recent buildings erected on the campus is the Phi Beta Kappa Memorial Building, in 1925–26, by the Phi Beta Kappa fraternity, which was founded at the College of William and Mary, December 5, 1776.

Board of 10 Visitors appointed by the Governor, five every two years, each for a

term of four years. The Rector is elected by the Board for a term of two years.

School of Liberal Arts, School of Education, School of Government, School of Business Administration, School of Home Economics, School of Social Work and Public Health in Richmond, Virginia.

Endowment: $55,390 from which is derived an income of $4,065. Income from other sources: State funds, Smith-Hughes appropriations, $2,500; appropriations for maintenance, $185,500; appropriations for permanent improvements, $90,230. Total expenditures for year ending June 30, 1926, $1,081,656.88. Budget for 1926–27, $1,159,000. Notable financial gifts during year: $150,000 from General Educational Board.

Grounds and buildings: Campus of 424 acres, valued at $100,000. 14 residence halls for men and women (759). Total value of grounds, buildings and equipment, $1,368,000.

Library (1908; 1923): 50,000 volumes; 3,000 government documents; 500 current periodicals. Claiborne Collection of Virginia, 1,000 volumes.

Laboratories: Two science halls, one housing Biology and Home Economics, valued at $75,000; the other housing Chemistry and Physics, valued at $150,000 with equipment of $100,000.

Health program: Medical inspection and instruction in physical education required of all Freshman and Sophomore students. Intramural athletics for men and women; mental hygiene program. Women's gymnasium (1921); men's gymnasium (1925), cost $300,000. Three athletic fields; two infirmaries under direction of college physician and two nurses.

Admission requirements: 16 units, including English 3, Mathematics 2½, History 1, Foreign Languages 3.

Degree requirements: For A.B. or S.B.: 126 semester hours. 65 are prescribed for A.B. and 63 for S.B. For bachelor's degree at least one-half of credits must be of grade 83 or higher. M.A. requires a year of residence with 30 semester hours and a thesis.

General requirements: Chapel attendance required. Women students under 25 years of age must room in dormitories; all students living in dormitories must board at college dining-hall.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Art (Fine and Industrial): 0, 1, 0, 1. Biblical Literature: 1, 0, 0, 2. Biology: 1, 3, 0, 0. Business Administration and Economics: 3, 2, 1, 0. Chemistry: 1, 0, 1, 1. Education: 2, 2, 0, 0. English: 2, 3, 0, 3. Government: 1, 1, 0, 0. History: 1, 0, 0, 1. Home Economics: 1, 0, 1, 1. Mathematics: 1, 1, 2, 0. Modern Languages: 1, 2, 0, 1. Music: 1, 0, 0, 2. Physical Education: 1, 0, 2, 2. Physics: 1, 0, 0, 0. Psychology and Philosophy: 1, 2, 0, 0.

Enrolment for year ending June 30, 1926, 1,097: Men, 640; women, 457.

Degrees conferred year ending June 30, 1926, 97: B.A., 52; B.S., 39; B.S., 1; D.D.L., 5. Total degrees conferred since 1860 (only authentic record), 791.

Fees and other expenses: For Virginia students a semester, $63.75. For non-Virginia students, a semester, $108.75. Laboratory fees, $7.50 a semester (organic chemistry, $10.50). Charge for lodging and board, a semester, $129 to $183. Annual expenses: Liberal, $600; low, $400.

Scholarships and fellowships: The State of Virginia offers 132 scholarships, $78 a year, for students who wish to teach, and who will pledge themselves to pursue a prescribed course of training and to teach two years in the public schools of Virginia. Other scholarships aggregate $2,000 a year.

Employment bureau: 150 students, or 13.7 per cent, earned during the past year approximately $27,000.

Dates of beginning and ending sessions: First term, September 15; January 28; Second term: February 1; June 8.

Summer session: June 15 to August 28. 159 courses offered in 17 departments. Attendance, 1925, 1,096.

University extension: Afternoon and evening classes carrying full college credit conducted by members of college staff in Richmond, Newport News, Norfolk, and Portsmouth.

Catalog in April.

Achievements of year ending June 30,

1926: Contributions amounting to $350,000.

Administrative officers: President, Julien Alvin Carroll Chandler; Dean of the College, Kremer J. Hoke; Dean of Women, Anne Marion Powell; Registrar, Herbert L. Bridges.

THE COLLEGE OF WOOSTER

WOOSTER, OHIO

College. Liberal Arts. Coeducational. Owned and controlled by Synod of Ohio of Presbyterian Church, U. S. A. through board of trustees elected by Synod.

Founded by Presbyterians of Ohio, December 18, 1866. In 1901, a new charter was granted. The board of trustees under this charter holds the funds, makes appointments, fixes salaries, and has by right the initiative in all changes touching the organic law of the college.

Thirty trustees, one-third elected each year. Five members residents of Wayne County. Six nominated by the Alumni Association.

Endowment: $2,364,082.15. Income from endowment, $156,170.26. Board of Christian Education, Presbyterian Church, U.S.A., $21,469.04. Sundry churches and individuals, $10,997.13. Total annual expenditures year ending June 30, 1926, $359,172.76. Gift of $100,000 for infirmary, and $50,000 toward endowment.

Grounds and buildings: Total value of grounds, $203,008.71. Total value of grounds, buildings, and equipment, $1,293,-721.40.

Library (1900): 55,000 volumes; 175 current periodicals.

Laboratories: Taylor Hall, Physics, present worth, $60,045.35. Scovel Hall (1900), Biology, Geology, Botany, $67,556.19. Severance Hall, Chemistry, $84,619.02.

Observatory: 5-inch refractor.

Health program: Medical examination of all new students. Gymnasium. Athletic fields. Stadium (1913–14). Infirmary for women, three physical examinations during two years; one medical examination, two in special cases.

Admission requirements: 15 units, including English 3, one Foreign Language 2, History 1, Algebra 1, Geometry 1, Science 1. All entrance deficiencies for specific requirements for B.A. and B.S. degrees must be removed by end of Sophomore year.

Degree requirements: 124 semester hour credits. Three-fourths must be grade C or better. Major of 20 to 24 credits. Prescribed courses for all bachelors degrees: English 12, History 6, Modern Language (beyond first year) 8, Sciences (2) 8, Philosophy 6, Religion 8. For B.A.: Latin or Greek, 10; for B.S., Mathematics 6.

General requirements: Physical Education required during first two years. Chapel attendance required daily.

Departments and Staff: Art: *Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biblical Doctrines: 1, 0, 0. Biology: 2, 0, 1. Chemistry: 2, 0, 1. Economics: 1, 1, 0. Education: 1, 1, 0. English: 2, 1, 3. French: 1, 2, 1. Geology: 0, 1, 0. German: 1, 0, 0. Greek: 2, 1, 0. History: 2, 0, 1. Latin: 2, 0, 1. Mathematics: 1, 2, 0. Missions: 1, 0, 0. New Testament: 1, 0, 0. Old Testament: 1, 0, 0. Philosophy: 1, 0, 1. Physical Education: 1, 0, 5. Physics: 1, 0, 1. Political Science: 0, 0, 1. Psychology: 1, 0, 0. Sociology: 0, 0, 1. Spanish: 1, 0, 1. Speech-2, 0, 0. Music: 3, 0, 7.

Enrolment for year ending June 30, 1926, College, 901; Men, 404; women, 497. Music, 67. Total matriculates since foundation, 7,473.

Degrees conferred year ending June 30, 1926, 169. Total number of degrees conferred since foundation, 4,466.

Fees: Tuition, $200 a year; laboratory, $10 a year; board, $216 a year; room, $80 a year. Annual expenses: Liberal, $1,000; low, $500.

Scholarships: 178 of $100 each. 19 children of home missionaries; 77 children of foreign missionaries or foreign mission volunteers; 11 for ministerial candidates; others for nominees of donors or churches. Also 5 LaVerne Noyes scholarships.

Dates of beginning and ending sessions: September 12, 1927 to June 11, 1928.

Summer session: June 17 to August 11, 1926. 8 departments offered 21 courses. Attendance, 1925, 97.

Publications: Catalog in March. Report

of board of trustees to the Synod annually.

Administrative officers: President, Charles Frederick Wishart; Dean of College, John B. Kelso; Dean of Men, J. Milton Vance; Dean of Women, Florence K. Root; Registrar, Charles R. Compton.

COLORADO AGRICULTURAL COLLEGE

Fort Collins

LARIMER COUNTY, COLORADO

Land-grant institution, technological, coeducational, supported in part by the Federal Government and in part by the State of Colorado.

Organized in 1871. First building erected 1878. State Board of Agriculture, the governing board, created 1879. First course organized in divisions of Agriculture and Mechanic Arts: Mechanical Engineering, Irrigation Engineering, Civil Engineering, Electrical Engineering. Home Economics first offered in 1887. Division of Veterinary Medicine created in 1907, first as a three-year course, and changed to a four-year course in 1913. Secondary School of Agriculture, Mechanic and Household Arts established in 1909–10 will be discontinued in year 1927. Agricultural Experiment Station established 1887. Engineering Experiment Station established, 1921. Agriculture and Home Economics Extension Service established 1906. Provisions of Smith-Lever Act accepted in 1915. Provisions of U. S. Smith-Hughes Act accepted and work established under this act in 1917.

The Fort Lewis School, a part of the Agricultural College system of the State, was established in 1911 on the lands and buildings of the Fort Lewis Indian School, formerly a U. S. Military Reserve, presented to the State of Colorado on conditions that an educational institution be maintained there. The school has 6,400 acres of land and 18 buildings. It is operated as a secondary school of agriculture, home economics and rural teacher training, with a summer session of college grade. College work in the winter session may be offered soon. The school has an annual income from a mill tax levy for maintenance of $70,000.

The State Board of Agriculture (the governing board) consists of 8 appointed members with the Governor of the State and the President of the college as ex officio members.

Following degree courses are offered: Division of Agriculture: Astronomy, Animal Husbandry, Entomology, Horticulture. Division of Engineering: Civil and Irrigation Engineering, Electrical Engineering, Mechanical Engineering. Division of Home Economics: Domestic Science, Domestic Art. In the Division of Science a student may major in Botany, Chemistry or Economics. Division of Veterinary Medicine.

Financial resources, 1925–26: State Tax Levy, $333,059. Total income for instruction, maintenance, operation and service agencies, $526,957.

Grounds and buildings: Main campus, 40 acres; adjacent, 480 acres; 1,300 acres of pasture land; forty miles away a forest reserve of 1,600. For research the institution owns lands at Akron, Cheyenne Wells, Rocky Ford, Greeley, Austin, Avon, and Hesperus. 18 buildings valued at $1,750,000 used for instruction and research purposes.

Library, 51,885 volumes.

Laboratories: The value of the principal laboratories: Chemistry (1922), $119,986. Chemistry (remodeled 1922) (Research) and Botany, $80,000. Physics (1919), $117,959. Bacteriology, $25,000. Zoology, $40,000. Home Economics (1910), $50,000. Electrical (1925), $45,000. Mechanical, $70,000. Farm Mechanics (under construction), $25,000. Veterinary surgery (1920), $65,752. Civil and Irrigation Engineering (1908), $85,000. Soils (1913), $25,000. Dairy and Meats, $15,000. U. S. Equipment for instruction in field artillery, $250,000. Total value of laboratories and equipment, $1,041,697.

Health program: Women's Gymnasium (1921) cost $155,000. Men's Gymnasium (1926) cost $250,000. Athletic field. Physical examination of students before admission to physical education course.

Admission requirements: 15 units of which 3 must be in English, and 2 in mathematics. Students are admitted on condition with 14 units; conditions must be removed during the first year.

Degree requirements: For bachelor's degree, 160 credits.

General requirements: Student must earn 12 credits each semester in order to register for the next semester, except first semester Freshman students. Student must have a certificate from the examining physician to be admitted to gymnasium classes. American citizens (male) required military science during first two years. Required assembly once a week.

Departments and Staff: Agronomy: *Professors*, 1; *Associate Professors*, 2; *Assistant Professors*, 1; *Instructors*, 1. Animal Husbandry, 1, 3, 2, 1. Botany: 1, 1, 2, 3. Chemistry: 1, 2, 1, 6. Civil and Irrigation Engineering: 1, 2, 0, 1. Electrical Engineering: 1, 1, 0, 0. Economics and Sociology: 1, 2, 1, 0. English and History: 1, 3, 4, 1. Entomology: 1, 2, 3, 3. Forestry: 1, 0, 2, 0. Home Economics: 1, 2, 3, 0. Horticulture: 1, 1, 0, 1. Language: 1, 0, 1, 1. Mathematics: 1, 0, 2, 2. Mechanical Engineering: 2, 2, 3, 0. Military Science: 1, 4, 0, 2. Physical Education: 2, 0, 1, 2. Physics: 1, 1, 1, 0. Rural and Vocations: 1, 4, 0, 2. Veterinary Medicine: 3, 0, 1, 0. Veterinary Pathology: 1, 0, 2, 0. Conservatory of Music: 1, 0, 0, 6. Courses of study cover four years. First two years are similar for all courses in Agriculture. Same is true for all courses in Engineering. Specialization begins with Junior year. One-fourth of the subjects in the Junior year in all courses except Veterinary Medicine, and one-half the subjects in the Senior year are elective.

Enrolment for year ending June 30, 1926: Agriculture, 306 men; Engineering, 275 men; Home Economics, 250 women; Science, 128 men, 78 women; Veterinary, 48 men. Graduate students, 9 men, 5 women. Total, 808 men and 369 women.

Summer school: 219 men, 297 women. Total number of matriculates since foundation, 7,795.

Degrees conferred year ending June 30, 1926, 165: Agriculture, 63; Engineering, 33; Home Economics, 35; Science, 23; Veterinary, 11. Total number of degrees since foundation, 1,989.

Fees: Matriculation, $9 a year; graduation, $5; laboratory, from $1 to $2 a semester; laboratory fee, $3; student activity, $10. Average charge for board, $6.50 a week; $12 a month for room.

Scholarships and fellowships: Two scholarships for each accredited high school in State. Fellowships in The Experiment Station ($500 to $1,200).

Research funds: $152,000 a year. Hatch and Adams funds, $30,000; Purnell fund, $20,000; State Mill Levy, $102,000.

Fifty per cent of students earned expenses during year ending June 30, 1926.

Dates of beginning and ending sessions: September 6, 1927; June 7, 1928.

Summer session: June 19 to August 28, 1926. Attendance, 1925, 516.

University extension: Under Smith-Lever Act the institution conducts an extension service in agriculture and Home Economics. Total funds, $187,730.

Publications: Monthly bulletin of which the February number is annual catalog. President's report biennially. Both the experiment station and the extension service issue bulletins and publish an annual report.

Achievements of year ending June 30, 1926: Completion of men's gymnasium.

Administrative officers: President, Charles A. Lory; Dean of the Faculty, S. Arthur Johnson; Assistant Registrar, Stacy J. McCracken; Chairman of Division of Agriculture, Alvin Kezer; Chairman, Division of Engineering, and Director of Engineering Experiment Station, L. D. Crain; Chairman, Division of Home Economics, Inga M. K. Allison; Chairman, Veterinary Division, George H. Clover; Dean of Women, Virginia H. Corbett; Director of the Experiment Station and Chairman Committee on Advanced Degrees, Clarence P. Gillette; Director Extension Service, Roud McCann.

THE COLORADO COLLEGE

COLORADO SPRINGS, COLORADO

Coeducational college, privately controlled. Early Congregational affiliations, but no denominational control.

Founded, 1874. Oldest institution of higher education in Colorado.

Board of 18 trustees, including President ex officio.

Endowment: $2,137,000. Income from endowment, $102,700. Total annual expenditures year ending June 30, 1926, $221,000. Closed a campaign December, 1925 (for endowment and deficit), amounting to a total of $1,100,000.

Grounds and buildings: Total value of grounds, 50 acres, $295,000. Total present worth of buildings, $1,200,000. Total value of grounds, buildings and equipment, $1,190,000.

Library (1894): 80,000 volumes, including 10,000 government documents; 40,000 pamphlets; 300 current periodicals.

Laboratories: Palmer Hall (1903) cost $287,000; Chemistry, Biology, Physics, and Electrical Engineering. Cutler Hall (1880) cost $33,000; Civil and Hydraulic Engineering, and Geology. Equipment, $35,000.

The Museum: Paleontology, Zoology (Colorado birds). Pottery implements, skulls and mummies from Colorado, Utah, New Mexico, and Arizona.

Health program: Physical examinations twice a year for all except senior women. Medical examinations on entrance. Resident nurse for dormitory women. Infirmary of 12 beds for women. One hour course in Mental Hygiene (called "College relationships") required of all Freshmen women first semester. Gymnasium for women (1903), for men (1914). Athletic fields. Stadium.

Admission requirements: 15 units, including History 2, English 3, Mathematics 2, Science 2, Foreign Language 4, of which 2 must be Latin. Conditions allowed: 1 unit, to be made up by end of Sophomore year; 2 units in language, to be made up during college course.

Degree requirements: 120 semester hours: 90 hours above D grade; 30 hours in major subject. Prescribed: English 2 years, Language 2, Science 1, Mathematics 1 or 1½ years, History, Economics or Political Science 1, Philosophy or Psychology 1. Honors course in last two years.

General requirements: Three years physical education required. Daily chapel attendance required. Women not living in city required to live in dormitories.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biblical Literature and Applied Religion: 1, 0, 0, 0. Biology: 2, 0, 1, 1. Chemistry: 1, 0, 1, 1. Civil Engineering, Graphics, Shop Work: 1, 0, 0, 1. Economics and Business Administration: 3, 0, 0, 1. English: 3, 0, 1, 3. Expression (affiliated): 0, 0, 0, 1. Forestry: 1, 0, 1, 0. Geology: 1, 0, 0, 1. German: 0, 0, 1, 0. Classical Languages and Literatures (Greek and Latin): 1, 1, 0, 1. History: 3, 1, 0, 1. History of Art: 0, 1, 0, 0. Library Science: 0, 0, 0, 1. Mathematics: 3, 0, 0, 1. Music (affiliated): 1, 0, 0, 6. Philosophy, Education and Psychology: 2, 0, 1, 0. Physical Education: 0, 0, 1, 3. Political Science: 0, 1, 0, 0. Romance, Languages and Literature (French, Italian, Spanish): 0, 1, 1, 3. Sociology: 0, 1, 0, 1. Harvard Exchange Professor for six weeks annually.

Enrolment for year ending June 30, 1926, 764: Men, 370; women, 394.

Degrees conferred year ending June 30, 1926, 85: A.B., 71; A.B. in B.&B., 7; B.S. in C.E., 3; B.S. in Forestry, 1; M.A., 3.

Fees: Tuition, $200 a year; matriculation, $5; athletic and associated students fee, $15; gymnasium (for men), $3; room (maximum), men, $100; room (maximum), women, $120; board, $260; graduation, $7.50; laboratory fees, $5 to $20. Annual expenses: Liberal, $615; low, $550.

Scholarships and fellowships: About 25 scholarship funds.

Research: Cooperates with Philip B. and Frances C. Stewart Commission on Western History (inaugurated 1925), and Colorado Foundation for Research in Tuberculosis.

Dates of beginning and ending sessions: First semester: September 14, 1926; January 31, 1927. Second semester: February 1, 1927; June 15, 1927.

Summer session: Dates: June 21 to July 30, 1926. 13 departments offered 49 courses. Attendance, 1925, 159.

University extension: Members of faculty cooperate with local school board in offering a course of study in a Labor College which has been conducted for several years.

Publications: Catalog in April. Colorado College Publication monthly.

Administrative officers: President, Charles

Christopher Mierow; Dean of Men, Charlie Brown Hershey; Dean of Women, Mrs. Mabel Lee; Registrar, Mrs. Josephine Rambo Morrow.

COLORADO, UNIVERSITY OF

See: University of Colorado.

COLUMBIA COLLEGE OF DUBUQUE

DUBUQUE, IOWA

College for men; privately controlled.

College of Liberal Arts and Science. Four year course leading to degree Bachelor of Arts.

Founded, 1873. Administered by a self-perpetuating board of 14 regents under the supervision of the Archbishop of Dubuque. Faculty composed for most part of secular priests of the archdiocese of Dubuque. An academy of four years is conducted by the college.

Endowment: $1,240,109.97. Total annual expenditures year ending June 30, 1926, $208,229.86. Total annual expenditures for administration and instruction, $33,082.54.

Grounds and buildings: Total value of grounds, 47 acres, $89,089.67. Total present worth of buildings, $856,535.32. Total value of grounds, buildings and equipment, $1,116,154.04. Two residence halls (400).

Library (1914), 30,000 volumes, including 3,000 government documents; 155 current periodicals.

Laboratories (1902, 1916): Present worth of buildings, $75,000. Value of equipment in principal departments, $14,244.33.

Health program: Annual examination by college physicians. Two gymnasiums. Athletic fields. Gymnasium (1924) cost $135,000. Infirmary being erected at cost of $50,000.

Admission requirements: 15 units, including English 3, Algebra 1, Plane Geometry 1, Social Science 1, Natural Science 1. Two major sequences of 3 units each, and two minor sequences of 2 units each. Admission on 14 units conditionally. Condition to be removed within one year.

Degree requirements: 120 semester hours; quality average grade of C on marking system of highest to lowest passing, A, B, C, D. Major; two minors. Thesis. Prescribed: English 12 semester hours; Mathematics-Science 14; Philosophy 16; Language at least 16; Social Science 6.

General requirements: Physical education for two years required. Students from outside Dubuque required to live in dormitory.

Departments and Staff: Ancient Languages: *Professors*, 2. Biology: 1. Chemistry: 1. Education: 1. English: 3. French: 1. German: 1. Mathematics: 1. Philosophy: 2. Physics and Geology: 1. Religion: 1. Social Sciences: 1.

Enrolment for year ending June 30, 1926, 315. Total number of matriculates since 1873, 5,300.

Degrees conferred year ending June 30, 1926, A.B., 49. Total number of degrees conferred since foundation, 740.

Fees: Tuition, $50 a semester; matriculation, $5; graduation, $10; other general fees, $20; laboratory, $5–$10; charge for lodging and board, $135. Average annual expenses: Liberal, $600; low, $400.

Scholarships and fellowships: 45, $300 each.

Dates of beginning and ending sessions: September 14, 1927; June 2, 1928.

Summer session: June 21–July 30. Attendance, 1925, 286.

Catalog in May.

Administrative officers: President, Right Reverend Monsignor Thomas Conry; Registrar and Director of Studies, Reverend Edward A. Fitzgerald; Dean of Men, Reverend Nicholas A. Stefen.

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

BROADWAY AND 116TH STREET
NEW YORK CITY

(See also Barnard College.)

University. Undergraduate, non-professional graduate, professional, technological. For both men and women, except in certain schools. Privately controlled. Non-sectarian.

On October 31, 1754, Letters Patent were issued incorporating The Governors of The College of the Province of New York in the

City of New York in America and providing for the establishment of King's College. The conclusion of the announcement issued in the same year reads: "A serious, virtuous, and industrious Course of Life being first provided for, it is further the Design of this College to instruct and perfect the Youth in the Learned Languages, and in the Arts of Reasoning exactly, of Writing correctly, and Speaking eloquently; and in the Arts of Numbering and Measuring, of Surveying and Navigation, of Geography and History, of Husbandry, Commerce, and Government; and in the Knowledge of all Nature in the Heavens above us, and in the Air, Water, and Earth around us, and the various Kinds of Meteors, Stones, Mines, and Minerals, Plants and Animals, and of every Thing useful for the Comfort, the Convenience, and Elegance of Life, in the chief Manufactures relating to any of these things: And finally, to lead them from the Study of Nature to the Knowledge of themselves, and of the God of Nature, and their Duty to Him, themselves, and one another; and every Thing that can contribute to their true Happiness, both here and hereafter." The first college building, erected on a portion of the "Kings Farm," at what is now the corner of Park Place and Church Street, was completed in 1760. The Revolutionary War, during which this building was taken for military purposes, compelled a suspension of activities. King's College numbers among its students and graduates Alexander Hamilton, John Jay, Robert D. Livingstone, Gouverneur Morris, and John Stevens.

In 1784, the Legislature of the State of New York passed an act incorporating the "Regents of the University of the State of New York," vesting the property of King's College in the Regents, and changing the name of the College to Columbia College. In 1787, this act was repealed, and an act passed, confirming the Royal Charter of 1754, and vesting the property and franchises of King's College in "The Trustees of Columbia College in the City of New York."

In 1810, the charter was again amended in certain particulars at the request of the trustees, and re-enacted, but the corporate title remained the same until 1912 when by order of the Supreme Court of the State of New York it was changed to "The Trustees of Columbia University in the City of New York." In 1897 the university removed from Forty-ninth Street and Madison Avenue, where it had been situated since 1857, to its present location on Morningside Heights.

Self-perpetuating board of 24 trustees whose term of office is for life. In 1909 provision was made for nomination by the Alumni of 6 of the 24 trustees. The schools and colleges composing the university are as follows: Columbia College, Barnard College, the Graduate Faculties of Political Science, Philosophy, and Pure Science, the Schools of Mines, Engineering and Chemistry (Faculty of Applied Science), the Schools of Law, Medicine, Architecture, Journalism, Business, Dentistry, Nursing, the College of Pharmacy, Teachers College, University Extension, and Summer Session.

Financial resources: Amount of resources June 30, 1925 (including Barnard College, Teachers College and College of Pharmacy), $98,204,636.43. Estimated general income, 1925–26, from rents, fees, commons, interest, gifts, etc. (including Barnard College, Teachers College, and College of Pharmacy), $9,155,537.06. Total annual appropriations year ending June 30, 1926, $10,290,004.63 (including Barnard College, Teachers College and College of Pharmacy). Budget, 1926–27, $11,214,158.10 (including Barnard College, Teachers College and College of Pharmacy). Gifts to Columbia University, Barnard College, Teachers College and the College of Pharmacy amounted to $2,097,108.25.

Grounds and buildings: Area in acres, 677.6. Number and capacity of residence halls: Columbia University: 8 halls for men (1,856); Barnard College: 2 for women (350); Teachers College: 3 for women (1,038).

Library (1897): 1,025,000 volumes; 6,000 current periodicals. Special collections: The Phoenix Library (7,000 volumes), the gift of Stephen Whitney Phoenix of the Class of 1859; the Avery Architectural Library (29,000 volumes); Townsend Library of National, State, and Individual War Rec-

ords; Temple Emmanuel Library of Biblical and Rabbinical literature; Garden Library of Southern Americana; Holland Society Library (including a Grotius collection); Goethe collection; Kant collection; Mary Queen of Scots collection; special collections on French Revolution, Jeanne d'Arc, anarchism, the drama (including a Dramatic Museum of stage models), Rumanian literature, music, the Marvyn Scudder Financial Library, a collection of contemporary French literature at the Maison Française; and the Bryson, Avery, Sachs and Baldwin collections in the Teachers College Library. The Law Library, the Library of Teachers College, and the reference libraries of Barnard College, the College of Physicians and Surgeons, and the College of Pharmacy, are all available to officers and students of the university. Nearly all of the more private or restricted libraries of the city, such as those of the learned societies, are open to officers and to advanced students introduced by the librarian of the university. In the basement of the library, the New York Public Library maintains a branch of its circulation department. By courtesy of the trustees of Union Theological Seminary the reading-room of that institution is open to students of the university.

Laboratories: Crocker Laboratory Building (1914). Chandler Laboratories (1925). Laboratories in Mines Building, Engineering Building, Schermerhorn Building, Havemeyer Hall, Physics Building, Fayerweather Hall. Accounting Laboratories in Kent Hall, Journalism Building.

Museums in Mines Building, Havemeyer Hall, Engineering Building, Schermerhorn Building.

Observatory: 12-inch refractor.

Health program: The University Medical Officer has direct supervision of all matters affecting the health of undergraduates. A physical examination is required of each student upon entrance and at the end of the second academic year. On the basis of these examinations advice is given as to the kind and amount of exercise best adapted to his needs. Gymnasium in University Hall. Athletic fields. Infirmaries maintained in residence halls.

Admission requirements: Satisfaction of the minimum requirements does not insure admission, particularly if the school be crowded. Two methods of admission are employed, psychological examinations accompanied by consideration of school record, character and promise and health record; entrance examinations (1) in all subjects; (2) comprehensive examinations in four subjects; (3) examinations by Regents of Education, Department of State of New York. *Columbia College and University Undergraduates* (A.B. or B.S. degree): English 3 units, Mathematics 3, Language 3, Physics or Chemistry 1, History 1, or (Latin 4 or Greek 3) and electives to make up 15 units. *School of Business* (B.S. degree): Two years of study in an approved college in courses aggregating 64 points, including 2 years of English, 2 years of French or German or Spanish, and 1 year of Economics. Economic Geography and Element of Business Administration are also recommended. *School of Architecture* (B. Arch. degree): Two years of study in a recognized college including elementary French. The study of Mathematics through the Calculus is advised. *School of Dental and Oral Surgery*: Collegiate course of at least 72 points including 1 year of Physics, 1 year of Biology, 1 year of Inorganic Chemistry based on College Entrance Chemistry, ½-year of Qualitative Analysis, ½-year of Organic Chemistry, 2 years of College English, and 1 year of either French or German. *Schools of Mines, Engineering and Chemistry*: (1) 3 years of study in an approved college or scientific school in a course including the usual cultural subjects, thorough training in Mathematics, General Physics, General Chemistry, Qualitative Analysis, and first courses in Drawing. (2) Special course of 2 years and one Summer Session in Columbia College for candidates for B.S. degree (see below). *School of Journalism* (B. Lit. degree): 2 years of study in an approved college, including 2 years of English or 2 years of Classics; 1 year each of Natural Science, Modern Language in advance of the intermediate admission requirement, Politics or Economics, General European or American History. The proficiency of students in a

foreign language and their proficiency in the use of a typewriter will be tested. *Faculties of Political Science, Philosophy and Pure Science:* Baccalaureate degree in arts, letters, philosophy or science, or an engineering degree from an approved institution or an education equivalent to that represented by one of these degrees. *School of Law* (LL.B. degree): (1) Graduation from an approved college or scientific school of collegiate rank, or (2) Successful completion of 3 years of undergraduate study in an approved college or scientific school, including courses in Economics, English, and American History. *Teachers College:* School of Practical Arts and Education: Completion of a 2 year curriculum in an approved normal school, technical school, or college, and in addition 2 years of teaching experience or its equivalent.

Degree requirements: *Columbia College:* For A.B. degree: 124 points, including the following prescribed courses: English A, Contemporary Civilization A, Mathematics A, Physical Education A and B, 1 year of Laboratory Science, unless Physics and Chemistry are offered for entrance, and in addition: (a) 1 year of College work in Latin or Greek beyond the entrance requirement; and French B, Spanish B, or German B, or (b) 1 year of College work in French, Spanish or German beyond course B, and in addition: the completion of sequential courses, aggregating 18 points each, in two departments of study. For A.B. degree (Engineering Option): Successful completion of the following courses: First year: English A, Contemporary Civilization A, French 3–4 or German 5–6, Mathematics 1 and 4, Physical Education A. Second year: Chemistry 3–4, Mathematics 55–56, Drafting 1, 2, 3, Economics 1–2, Physical Education B. Third year: Physics 9–10, 52, Chemistry 11, electives to make up 94 points. Fourth year: First year of Engineering course in Schools of Mines, Engineering and Chemistry. *School of Architecture:* For B. Arch. degree: Successful completion of required courses covering 4 years as outlined in the School of Architecture Announcement. *School of Business:* For B.S. degree: Successful completion of 60 points in the School of Business, including courses in First Year Accounting, Elements of Business Administration and Economic Geography (to be taken if not offered for admission), Banking and Business, Corporation Finance, Business Law, Statistics (one term), Business Economics. For B.S. degree (Secretarial Studies): Successful completion of 60 points, including courses listed above, and in addition: Secretarial Correspondence, Stenography and Typewriting 31–32. *Teachers College: School of Practical Arts and Education:* For B.S.: 2 years of prescribed and elective work. Prescribed courses: (a) Major course or program; (b) 16 points in English, History, and Natural Sciences; (c) 12 points in History of Education, Philosophy of Education, Principles of Teaching, and Educational Psychology. *Faculty of Education:* For M.A.: (a) Completion of 30 tuition points in graduate courses distributed over a period of not less than 1 academic year or its equivalent; (b) Preparation of an essay or written report or its equivalent. *Faculty of Practical Arts:* For M.S.: (a) completion of 30 tuition points in graduate courses distributed over a period of not less than 1 academic year or its equivalent; (b) Preparation of an essay or written report or its equivalent, of which 18 points must be chosen in Teachers College in related technical courses in Science or Practical Arts; (b) Preparation of an essay or written report or its equivalent. Requirement for admission to candidacy for M.A. and M.S. degrees same as requirement for admission to the Faculties of Political Science, Philosophy and Pure Science. *College of Physicians and Surgeons:* For M.D.: Successful completion of 4 years prescribed course. *School of Dental and Oral Surgery:* For B.S. in Dentistry: Successful completion of 2 years. For D.D.S.: Successful completion of 4 years. *School of Journalism:* For B.Lit. degree: Successful completion of 62 points in prescribed Journalism courses as outlined in the School of Journalism announcement. *School of Law:* For LL.B.: Successful completion of 76 points, including all the courses of the First Year. *Schools of Mines, Engineering and Chemistry:* (1) For Engineering degree: Successful completion of all required

courses as outlined in the Engineering Announcement, leading to the various Engineering Degrees. (2) For B.S.: Successful completion of the following courses: First year: English A, Contemporary Civilization A, French or German B5, BO5, Mathematics 1, 4, Chemistry 6, Physical Education A. Summer session: Chemistry S4. Second Year: Chemistry 11, Mathematics 55–56, Drafting 1, 2, 3, Economics 6, Physics 9, 10, 52 and Physical Education B. Third and Fourth Years: Successful completion of the first two years of the Schools of Mines, Engineering and Chemistry. *University Undergraduates:* For B.S.: Successful completion of 124 points, including the following prescribed courses: 10 points of English, 10 of History, Philosophy, Social Science; 12 of Mathematics or of Physical or Natural Science; 6 of Foreign Language beyond the elementary entrance requirement, and in addition: 30 points of work beyond the elementary courses in an approved field of study followed by a comprehensive examination in this field of study. For regulations regarding M.S. degrees in the several schools or faculties, LL.M. degree, certificates of proficiency, see respective announcements. *Faculties of Political Science, Philosophy and Pure Science:* For M.A.: Must register for and attend courses aggregating not less than 30 tuition points, distributed over a period of not less than 1 academic year or its equivalent, and satisfy departmental requirements. For Ph.D.: Satisfactory completion of requirements as stated in Graduate Announcement and in the various departmental announcements.

General requirements: Physical culture requirement: 2 years in undergraduate schools. Students in Columbia College are required to live in the dormitories unless they reside at home or are excused for cause. All women students who do not live in the dormitories or with their parents are required to live in approved lodgings if under the age of 24.

Departments and Staff: Anatomy: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 3; *Associates*, 1; *Instructors*, 12. Anthropology: 2, 0, 0, 0, 1. Architecture: 2, 1, 3, 5, 1. Astronomy: 1, 0, 0, 0, 0. Bacteriology: 1, 1, 3, 2, 0. Biological Chemistry: 1, 1, 0, 4, 1. Botany: 2, 2, 1, 0, 2. Business: 10, 3, 9, 0, 4. Cancer Research: 1, 1, 2, 7, 0. Chemical Engineering: 3, 2, 2, 0, 1. Chemistry: 8, 4, 6, 0, 10. Chinese: 1, 0, 0, 0, 0. Civil Engineering: 1, 2, 1, 1, 0. Dermatology: 0, 1, 2, 2, 6. Dentistry: 9, 5, 13, 1, 19. Diseases of Children: 5, 0, 0, 12, 10. Economics: 6, 2, 2, 1, 5. Electrical Engineering: 2, 1, 2, 0, 2. Engineering Drafting: 0, 1, 1, 0, 1. English and Comparative Literature: 11, 8, 14, 2, 23. Fine Arts: 0, 1, 2, 0, 1. Geology, Geography and Mineralogy: 3, 1, 2, 0, 3. Germanic Languages: 3, 4, 2, 0, 1. Greek and Latin: 7, 1, 2, 2, 4. History: 10, 2, 5, 0, 15. Indo-Iranian: 1, 0, 0, 0, 0. Industrial Engineering: 1, 1, 0, 0, 0. Journalism: 2, 3, 0, 3, 0. Laryngology and Otology: 2, 0, 3, 0, 9. Law: 11, 5, 0, 1, 0. Mathematics: 7, 2, 4, 0, 7. Mechanical Engineering: 1, 2, 2, 2, 3. Mining and Metallurgy: 4, 1, 1, 2, 1. Music: 3, 0, 1, 1, 1. Neurology: 9, 1, 4, 7, 10. Obstetrics and Gynecology: 3, 1, 0, 3, 6. Pathology: 2, 2, 1, 5, 4. Pharmacy: 3, 2, 6, 0, 11. Philosophy: 4, 3, 4, 0, 5. Physical Education: 3, 1, 2, 0, 10. Physics: 6, 4, 2, 0, 9. Physiology: 2, 2, 1, 2, 5. Practice of Medicine: 2, 2, 1, 2, 5. Psychiatry: 1, 2, 1, 0, 9. Psychology: 6, 3, 2, 0, 9. Public Health: 2, 0, 1, 0, 0. Public Law: 4, 3, 2, 0, 5. Religion: 1, 0, 0, 3, 0. Romance Languages, 3, 5, 7, 0, 17. Semitic Languages: 1, 0, 0, 0, 0. Slavonic Languages: 1, 0, 1, 0, 0. Social Science: 4, 0, 3, 0, 1. Surgery: 12, 5, 3, 8, 28. Urology: 1, 0, 1, 3, 3. Zoology: 9, 1, 3, 0, 2. See also chapters V–VI.

Enrolment for year ending June 30, 1925: Undergraduate Students: Columbia College, 2,016; Barnard College, 352; University Undergraduates, 89. Total Undergraduates, 3,083. Graduate and Professional Students: Graduate Faculties, 2,264; Law, 710; Medicine, 406; Mines, Engineering and Chemistry, 209; Architecture, 82; Journalism, 156; Business, 380; Dentistry, 379; Teachers College: Education, 2,900; Practical Arts, 1,999; Pharmacy, 852; Unclassified, 186. Total Graduate and Professional Students, 10,523. University Extension at the University, 11,084. Net total winter and spring sessions, less duplicates, 24,476. Summer session, 1924, 12,916. Grand net total, less dupli-

cates, 34,823. Non-resident students in Home Study Courses, 1,854. Other non-resident students in University Extension, 3,187.

Degrees conferred year ending June 30, 1925: B.Arch., 16; B.A., 553; LL.B., 190; B.Lit., 67; B.S. in Business, 86; B.S. in Dentistry, 12; B.S. in Practical Arts, 535; B.S. (University Course), 19; B.S. in Pharmacy, 6; Chem. E., 12; C.E., 6; E.E., 14; Min. E., 9; M.E., 7; Met.E., 3; D.D.S., 82; M.D., 93; Ph.D., 143; J.D., 1; M.A. (Political Science, Philosophy, Pure Science), 515; M.A. (Education and Practical Arts), 1,089; LL.M., 4; M.S. (Applied Science), 33; M.S. (Business), 31; M.S. (Journalism), 15; M.S. (Education and Practical Arts), 16; Ph.C., 4. Total degrees in course, less duplicates, 3,542. Honorary Degrees: LL.D., 3; D.Sc., 1; S.T.D., 1. Total, 5. Certificates and Teachers College Diplomas granted, 1,740. Total individuals receiving degrees and diplomas, 3,646.

Fees: (a) University fee for all students for each winter, spring or summer session, or for any part thereof, $6. Tuition fee for all students, for each point (which is one hour a week of attendance for a winter or spring session, or the equivalent thereof), except in cases where a special fee is fixed, $10. Examination fee, for any degree, $20. Student Activities fee, $10. For Columbia College: Books, $25 to $50; room in university residence halls, $135 to $215; board, $335 to $535; laundry, $60 to $115. Incidentals, $75 to $125. Rental additional to the above for rooms outside the University residence halls is from $90 to $100. Ordinary medical attention is provided free by the University through the Medical Office. Students who have taken the degree of Ph.D. in this University may, with the consent of the University Council, continue their researches in the laboratories or Library of the University without the payment of tuition fees.

Scholarships and fellowships: 77 fellowships, from $850 to $2,500. 145 scholarships, $100 to $1,300 each. Additional general scholarship funds, $60,339.06. Loan funds, $23,982.30.

Research funds: In addition to approximately $1,000,000 which the University annually spends for the maintenance of the Graduate Faculties which are devoted to research, there is a special Research Fund under the administration of the President's Office for special research. Also, there are the funds of the Council for Research in the Social Sciences which vary annually, but for the year just closed amount to approximately $150,000.

Employment bureau: Estimated that 60 per cent of undergraduates do some part time work, and 25 per cent are self-supporting.

Dates of beginning and ending sessions: Winter session, September 28, 1927 to February 7, 1928. Spring session: February 8, to June 13, 1928.

Summer session: July 9 to August 17, 1928. In 854 courses, 31,756 registrations in 1925.

Publications: Annual catalog. President's Report in January. Columbia University Press: 363 volumes issued; The Romanic Review, Volume 16. Teachers College Record, Volume 26. Journal of Educational Record, Volume 5. Studies in History, Economics, and Public Law, edited by the Faculty of Political Science of Columbia University, New York, Columbia University, Volume 119. Political Science Quarterly, edited for the Academy of Political Science in the City of New York by the faculty of Political Science of Columbia University, Volume 40. Proceedings of the Academy of Political Science in the City of New York, edited by Parker Thomas Moon, Volume 11. Columbia Law Review, Volume 25.

Bibliographical references: "History of Columbia University," Macmillan Company, 1924. "Columbia," Frederick P. Keppel, Oxford University Press, 1914.

Administrative officers: President, Nicholas Murray Butler; Secretary, Frank D. Fackenthal; Registrar, Edward J. Grant; Deans: Columbia College, Herbert E. Hawkes; School of Law, Huger W. Jervey; School of Medicine, William Darrach; Schools of Mines, Engineering and Chemistry, George B. Pegram; Schools of Political Science, Philosophy and Pure Science, Frederick J. E. Woodbridge; Barnard College,

Virginia C. Gildersleeve; Teachers College, James E. Russell; College of Pharmacy, Henry H. Rusby. Directors: School of Architecture, William A. Boring; School of Business, James C. Egbert; School of Dentistry, Frank T. Van Woert; School of Journalism, John W. Cunliffe; Summer session, John J. Coss; University extension, James C. Egbert. Officer in Charge of Foreign Students, Professor Adam Leroy Jones, Director of University Admissions.

CONCORDIA COLLEGE

MOORHEAD, MINNESOTA

Liberal Arts College. Coeducational. Privately owned and controlled by Concordia College Corporation, made up of congregations belonging to the Norwegian Lutheran Church of America.

Founded as an Academy in 1891. First college class graduated in 1912. Academy discontinued, 1927.

Board of 15 trustees. Board of 6 directors.

Financial resources: Amount of endowment, $186,259.54. Income from endowment, $4,176.25. Income from Norwegian Lutheran Church of America, $22,500. Total annual expenditures year ending June 30, 1926, $130,438.04. Endowment Campaign in 1926: Cash and pledges amounting to approximately $760,000.

Grounds and buildings: Total value of grounds, 90 acres, $71,000. Total present worth of buildings, $337,000. Total value of grounds, buildings and equipment, $455,360.01. 3 residence halls for women; 1 for men; total capacity, 240.

Library (1921), 21,000 volumes; 100 current periodicals.

Laboratories: Science equipment, $6,198.77.

Health examinations for all students. Health lectures to Freshmen. Gymnasium (1915). Athletic field. Hospital. Resident nurse.

Admission requirements: 15 units, including 3 years English, Algebra and Geometry.

Degree requirements: 128 semester hours and 6 in Physical Education. An equal number of honor points. One Major: 12 to 18 hours of Senior College Courses. 24 to 30 total for subject in College Department. One Minor: 6 semester hours less than Major. Prescribed: English, 12 semester hours; Religious Instruction, 14; one Foreign Language, 24; in each of two Foreign Languages, 12.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 0, 0. Economics: 1, 0, 0. Education: 1, 1, 0. English: 1, 1, 1. French: 1, 1, 0. German: 1, 0, 1. Greek: 1, 1, 0. History: 1, 0, 2. Home Economics: 0, 1, 2. Latin: 1, 2, 0. Mathematics: 2, 0, 0. Music: 1, 0, 3. Norwegian: 1, 0, 0. Physics: 1, 0, 0. Philosophy: 0, 1, 0. Religion: 1, 1, 0.

Enrolment for year ending June 30, 1926, 364: Men, 185; women, 179.

Degrees conferred year ending June 30, 1926, B.A., 63. Total number of degrees conferred since foundation, B.A., 291.

Fees: Diploma, $7.50; student activity and other general fees, $6.50; laboratory, $5–$7.50; charge for lodging and board, $103.50. Annual expenses including living expenses: High, $600; low, $350.

Dates of beginning and ending sessions: September 12, 1927; June, 5, 1928.

Catalog in April.

Administrative officers: President, Rev. J. N. Brown; Dean of Men, Paul Rasmussen; Dean of Women, Miss B. Bue; Registrar, H. C. Nordlie.

CONNECTICUT COLLEGE FOR WOMEN

NEW LONDON, CONNECTICUT

Privately endowed college for women. Non-sectarian.

Chartered by State of Connecticut in 1911 under name of Thames College, but changed to Connecticut College for Women before the college opened. Opened in 1915.

Self-perpetuating board, not to exceed 24 in number. President of the college and mayor of New London members ex officio. Equal number of men and women on board.

Original endowment, $1,000,000, the gift of Morton F. Plant, who also erected the first two residence halls, and added $250,000 to his gifts at the time of his death in 1918. Total endowment, $1,075,000. Income from

endowment as of June 30, 1926, $43,275. Other income, 1925–26, $358,672. Total expenditures, 1925–26, $349,261.

Campus of 350 acres. 11 buildings. Total value of buildings, $905,000. Total value of grounds, $386,300. Total value of equipment, $159,000.

Library: 26,500 volumes; 300 current periodicals.

Laboratories: Zoology, Botany, Chemistry, Physics and Home Economics. Studios are maintained in Fine Arts and Music.

Observatory being erected.

Health examinations required. Physical education required 4 years. Gymnasium (1917). Infirmary. Physician and two nurses.

Admission requirements: 15 units, including English 3, Foreign Language 3 (or 2 in each of two such languages), Algebra 1, Geometry 1, and History 1. No conditions allowed.

Degree requirements: A.B. and B.S. granted. At least 130 semester hours, including 12 in English, 12 in a Foreign Language, 12 in Science (6 of which may be in Mathematics or Psychology), 6 in History, 6 in Economics, 2 in Hygiene, and 8 in Physical Education. Major subjects selected at end of Freshman year.

Departments and Staff: Astronomy: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biblical History and Literature: 1, 0, 1, 0. Botany: 0, 1, 1, 0. Chemistry: 1, 1, 0, 1. Classical Philology: 1, 0, 0, 0. English: 1, 0, 1, 3. Fine Arts: 0, 2, 0, 1. German: 1, 0, 0, 0. History and Political Science: 1, 0, 1, 0. Home Economics: 0, 1, 1, 0. Mathematics: 1, 0, 0, 0. Music: 1, 2, 1, 0. Philosophy, Psychology and Education: 0, 1, 0, 3. Physics: 0, 1, 0, 0. Romance Languages: 2, 2, 0, 1. Secretarial Work and Office Practice: 0, 0, 2, 1. Social Science: 0, 1, 1, 1. Zoology: 1, 0, 0, 2.

Enrolment, year ending June 30, 1926, 516.

Degrees conferred year ending June 30, 1926, 76. Total number of degrees conferred since foundation, 551.

Fees: Application fee, $10, non-returnable; credited on first semester's bill if candidate enters; tuition, $300 a year; room and board, $500; infirmary fee, $10; blanket tax, covering all student activities, $10.

Scholarships: College awards 26 scholarships; 16 scholarships awarded by individuals under conditions of their own naming.

Almost 10 per cent of students earn some portion of their expenses in college. Earnings reported to Bursar, 1925–26, $10,496.13.

First semester begins September 21, 1927. Second semester begins February 6. Commencement, June 12, 1928.

Catalog in March.

Administrative officers: President, Benjamin T. Marshall; Dean of Faculty, Irene Nye; Dean of Students, Mary K. Benedict; Registrar, Mary Page Milton, Director of Admission, David D. Leib.

CONVERSE COLLEGE

SPARTANBURG, S. C.

College for women, independent of church, State, or corporation ownership, controlled by a self-perpetuating board of trustees.

Chartered in 1890 as the property of stockholders, and rechartered in 1896 by the South Carolina Legislature when the owners surrendered their stock and made it an absolute gift for the higher education of women. Named for D. E. Converse, originally from Vermont, leader in founding the College.

Self-perpetuating board of trustees; not more than one-third may be affiliated with same church. Connected with the College of Liberal Arts under the same administration there is a professional school of music with separate dean, building, faculty, and finances. For 33 years a 3-day music festival has been held each year.

Financial resources: Endowment, $633,823.52. Total income from all sources, $269,309.15. During the year endowment has been increased by $49,788.82. Gifts also received for a student hospital ($30,000) and $21,660.48 toward erection of an additional dormitory.

Grounds and buildings: Residence halls (350). Value of grounds, 42 acres, $180,000. Value of buildings, $678,275. Value of equipment, $124,954.55. Total value of

grounds, buildings and equipment, $983,229.75.

Library (1904), 22,000 volumes, of which 500 are government publications. 57 current periodicals.

Laboratories: Judd Science Hall (1914) valued at $65,000: Biology, Chemistry, Physics and Home Economics. Equipment estimated at $30,007.01.

Observatory.

Health program: Gymnasium. Athletic fields. Resident physician. Infirmary; funds secured for a hospital. Three year course in Hygiene, gymnastic exercises, and supervised athletics required for graduation. Every student at beginning of session must pass a physical examination.

Admission requirements: 15 units. If, in 15 units the full number of units in Latin and Modern Languages is not included, deficiencies may be allowed to extent of 1 unit in Latin, or 2 units in a Modern Language, the deficiency in either case to be made up before the beginning of the Sophomore year. For B.A.: English 3, Mathematics 3, Latin 4, Modern Language 2. For B.S.: English 3, Mathematics 3, Foreign Languages 4 (2 of 2 each), Science 2.

Degree requirements: 124 semester hours (4 in Physical Education). Grade of B must have been attained in courses amounting to 32 semester hours during first two years, and to 30 during Junior and Senior years, and not less than C in any course. A major of 18 semester hours and a minor of 12 semester hours must be taken during Junior and Senior years. Honors courses offered during Junior and Senior years are administered by a special committee having control of students' entire time. Prescribed courses: English 12 semester hours; Mathematics 6; Science, 12 for B.A., 18 for S.B.; Psychology 3, Philosophy 10, Biblical Literature 2, History 6, Economics 3, Sociology 3, Physical Education 4.

General requirements: Daily chapel attendance; one service in some church on Sunday.

Departments and Staff: Parenthesis indicates member of staff gives instruction in another department also. Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biblical Literature: 0, 1, 0, 0. Biology: 2, 0, 0, 1. Chemistry: 1, 0, 0, 1. Education: 1, 0, 0, 0. English: 1, 1, 2, 1. French: 2, 1, 0, 1. Geology: 0, 0, 0, (1). German: (1), 0, 0, 0. Greek: 0, (1), 0, 0. History: 1, 0, 0, (1). Home Economics: 0, 1, 0, 0. Italian: 0, 0, 0, (1). Latin: 1, 1, 0, 0. Mathematics: 1, 0, 0, 1. Philosophy: (2), 0, 0, 0. Physical Education: 0, 1, 0, 1. Physics and Astronomy: 1, 0, 0, 1. Psychology: (1), 0, 0, 0. Sociology and Economics: 1, 0, 0, (1). Spanish: 0, (1), 0, 0.

Enrolment: 1925–26, in College of Liberal Arts and Sciences, 345. Total number of matriculates since foundation, approximately 3,000.

Degrees conferred year ending June 30, 1926, 58: B.A., 41; B.S., 17. Total number of degrees conferred since foundation, 1,057.

Fees: Tuition and maintenance fees, $200 a year; each laboratory fee, $10 a year; room and board, $400 a year; membership fees in various student organizations, including publications from $15 to $20 a year.

Scholarships: 20 tuition scholarships for Spartanburg High School graduates, and a few for resident students from other communities.

Session of 1926–27: September 14, 1926; May 30, 1927.

Publications: Annual catalog in spring.

Achievements of the year ending June 30, 1926: Erection of a new central steam plant and laundry (cost $120,000).

Administrative officers: President, Robert Paine Pell; Dean, Mary Wilson Gee; Registrar, Myra B. Kearney.

CORNELL COLLEGE

MOUNT VERNON, IOWA

College of Liberal Arts and Sciences with a Conservatory of Music. Coeducational, affiliated with Methodist Episcopal Church. Location of college selected by Elder George B. Bowman, an early Methodist circuit rider. Institution opened in 1853 as Iowa Conference Seminary; reincorporated as Cornell College in 1855.

Self-perpetuating board of 36 trustees. Of 12 selected each year, 7 are elected at large, 3 from nominations by Upper Iowa

Conference, and 2 from nominations by the Alumni.

Endowment: $1,672,086. Income from endowment, $68,173. Income from other sources, $147,478. Total expenditures, 1925–26, $261,903. Budget, 1926–27, $233,172.

4 residence halls for women (140). Total value of grounds, 60 acres, $70,527; of 14 buildings, $517,203; of buildings, grounds and equipment, $705,274.

Library (1904): 58,000 volumes; 187 current periodicals.

Law Memorial Building for Geology and Biology (1925). Present worth of buildings for laboratories, $144,247; value of equipment, $37,425.

Alumni Gymnasium (1909). Athletic Park. Value of Gymnasium and Athletic grounds, $64,524. Physical Education prescribed for Freshmen and Sophomores. Medical examination required at entrance. Infirmary; nurse.

Admission requirements: 15 units, including English 3, Mathematics 2, Foreign Languages 2 (though language may be made up after entrance). A condition of 1 unit allowed, to be made up before passing to Sophomore rank. Character recommendation required.

Degree requirements: For A.B.: 124 semester hours as specified. Only one-fourth of this total may be of "D" grade (the lowest passing mark). Distributive requirements specify a certain amount of English, Foreign Language, Laboratory Science or Mathematics, Social Science, and Philosophy or Bible. A major of from 18 to 24 semester hours in one department is the concentration requirement. Degrees conferred in Music are Bachelor of Music and Bachelor of School Music, each of which requires 4 years and 124 semester hours.

Departments and Staff: Archæology and Classical Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Art: 1, 0, 1, 0. Bible and Religion: 3, 0, 0, 0. Biology: 1, 0, 0, 1. Chemistry: 2, 0, 0, 0. Economics and Business Administration: 1, 0, 0, 1. Education: 2, 0, 0, 2. English Language and Literature: 2, 0, 0, 4. Expression: 1, 0, 0, 0. Geology: 2, 0, 0, 0. German Language and Literature: 1, 0, 0, 0. Greek Language and Literature: 1, 0, 0, 0. History: 2, 0, 0, 1. Home Economics: 0, 0, 0, 2. Latin Language and Literature: 1, 0, 0, 0. Mathematics and Engineering: 2, 0, 0, 0. Music: 3, 0, 0, 5. Philosophy: 1, 0, 0, 0. Physical Education: 2, 0, 0, 3. Physics: 1, 0, 0, 0. Political Science: 1, 0, 0, 0. Psychology: 2, 0, 0, 0. Public Speaking: 0, 0, 0, 1. Romance Languages and Literatures: 1, 0, 1, 1. Sociology: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 745: 354 men; 391 women. Total matriculates from the beginning, 18,000 (estimated). Degrees conferred for year ending June 30, 1926: A.B., 90; B.Mus., 2; B. Sch. Mus., 4; D.D., 2; LL.D., 1. Total number of degrees conferred, including honorary degrees, 3,187.

Fees: Annual tuition, $180. Semester fee of $22.50 includes admission to lecture course, music recitals, all athletic events, subscription to college paper, etc. Room in women's dormitory, from $160 to $180 a year. Board, $5 a week. Expenses for year estimated at $475 to $650.

Scholarships: 55 scholarships. Loan funds.

First semester: September 12, 1927. January 25, 1928. Second semester: January 26; Commencement, June 6, 1928.

Summer session: First Monday following Commencement; continues 9 weeks. Attendance, 1925, 100.

Annual catalog in March.

Administrative officers: President, Harlan Updegraff; Dean of Men, Joseph T. Meade; Dean of Women, Alice R. Betts; Registrar, William S. Ebersole.

CORNELL UNIVERSITY

ITHACA, NEW YORK

University, under private control which is subject to annual State appropriation for the maintenance of Veterinary College, College of Agriculture, and College of Home Economics, and which, with respect to a fraction of 1 per cent of the University's income, is subject to the Act of Congress governing the income of the College Land-Scrip fund; nonsectarian, coeducational.

Incorporated April 27, 1865, by Legislature of State of New York, which appropri-

ated to it the income of New York's portion (990,000 acres) of the educational land grant of 1862. In 1866 Ezra Cornell, who had given the university 200 acres of land and $500,000 bought from the State scrip representing 913,920 acres of the grant under a contract binding him to pay to Cornell University the whole net profits from the sale of the land, these profits and his other gifts to constitute the "Cornell Endowment Fund." That fund, he stipulated, was to be free from the restrictions which the Morrill Act placed upon the funds derived from the sale of land scrip, and was to be held as his donation to the university. In 1874, when about 400,000 acres, mostly timber land in Wisconsin, remained unsold of the land that Mr. Cornell had located, the University took his place in his contract with the State, committed the conservation and sale of the timber and lands to the management of Henry W. Sage of the board of trustees, and in due time fulfilled the terms of the contract. The net profits of that operation in land swelled the "Cornell Endowment Fund," which the University owes to Ezra Cornell, to $5,381,925. The College Land-Scrip Fund, consisting of the receipts from the State's sale of the scrip, amounts to $688,576; it is held in the State treasury and the university holds the State's certificate of indebtedness for an interest thereon of 5 per cent per annum. College of Architecture, 1871; Law School, 1887; Graduate School, 1909. Cornell University Medical College established in 1898 and endowed in 1913. State has maintained Veterinary college since 1894, and College of Agriculture since 1904, and in 1925 it incorporated the College of Home Economics, which had been a unit in the College of Agriculture. The State in 1923 gave the University control of the Agricultural Experiment Station at Geneva.

Board of 30 trustees, 15 persons coopted, 10 persons elected by the alumni, and 5 persons appointed by Governor of New York; President of the University, Governor and Lieutenant-Governor, Speaker of the Assembly, Commissioner of Education, Commissioner of Agriculture, President of State Agricultural Society, and Librarian of Cornell Library in the City of Ithaca, each ex officio; the eldest male descendant of Ezra Cornell for life; and a representative of the State Grange elected annually. The university faculty elects 3 representatives who sit with the board but do not vote.

Financial resources: Productive funds on June 30, 1926: $19,584,692. Income available for current expenses of the fiscal year, 1925–26, received from all sources, including routine Federal and State appropriation, $6,348,745.

Grounds and buildings: The campus, farms, and field stations occupy 1,530 acres, valued at $511,363; value of buildings, $9,593,209; total value of grounds, buildings, and equipment, $13,963,916.

Sage Library (1891): The University Libraries comprise the general library of the University, the Seminary libraries in the general library building, the Architectural Library, the Chemical Library, the Civil Engineering Library, the Sibley Engineering Library, the Law Library, the Flower Veterinary Library, the Barnes Hall Biblical Library, the Goldwin Smith Hall Library, the Van Cleef Memorial Medical Library, and the Library of the New York State College of Agriculture. Total number of classified volumes and pamphlets: 750,000. The number of periodicals, transactions, and other serials, currently received, is over 2,000, and of most of these complete sets are on the shelves. The general library contains many special collections, notably four rich collections given by Willard Fiske: Dante Collection (8,000 volumes), Petrarch Collection (4,000 volumes), Rhaeto-Romanico Collection (1,300 volumes), and Icelandic Collection (15,000 volumes); and the President White Historical Library, 23,000 volumes and pamphlets, the gift of President White, especially rich in the primary sources of History and containing useful collections on the period of the Reformation, on the English and French revolutions, on the American Civil War, and on the history of superstition. Six seminary rooms, each equipped with reference books, provided in library building, for study of English, Classical Languages, Germanic and Romance Languages, Philosophy, Politics and Economics,

and American and European History. Similar collections have been formed in connection with the scientific and technical laboratories. Library has income of an endowment fund of $300,000, given by Henry W. Sage, for purchase of books and periodicals, and income of an endowment fund of $503,000, given by Willard Fiske, for general uses and for maintenance and increase of the Icelandic and Italian collections.

Laboratories and museums: Separately described under the head of the colleges.

Observatory: Described under the head of the College of Engineering.

Health program: Vaccination required. The university has a staff of medical advisors, and requires all students, including graduates, to receive a thorough physical examination at least once a year. Infirmary, normal capacity, 75 beds; number can be doubled in an emergency. Sixty acres equipped for playgrounds and athletic fields.

Admission requirements: Minimum requirement for admission to Freshman class: 15 units, without conditions. Medical College and Law Schools are graduate schools.

Degree requirements: See the Announcement of any particular college or school, published by the Secretary of the University.

General requirements: University faculty prescribes for Freshmen and Sophomores 3 hours a week of physical training (military training for the men), and 1 hour a week of lectures on hygiene and preventive medicine.

Total number of matriculated students (excluding duplicates), June 30, 1926, 5,818: Men, 4,430; women, 1,388. Graduate School, 662: Men, 530; women, 132. College of Arts and Sciences, 2,029: Men, 1,366; women, 663. Law, 155: Men, 145; women, 10. Engineering, 1,193: Men, 1,191; women, 2. Architecture, 187: Men, 167; women, 20. Medicine, 281: Men, 240; women, 41. Veterinary, 89: Men, 87; women, 2. Agriculture, 835: Men, 665; women, 170. Home Economics, 478: Men, 114; women, 364.

Registered in the summer of 1925: Summer session, 1,486. Summer School of Agriculture, 591. Summer session of the Law School, 121. Total, 2,198; duplicates, 175; net enrolment of students, 2,023. Registered in the winter courses in Agriculture, 139.

Degrees conferred year ending June 30, 1926, 1,218; total number since foundation, 28,265.

Fees: Tuition, yearly, in Medical College, $500; in College of Arts and Sciences, Architecture, and Engineering, and in hotel administration, $300; in Law School, $250; in Veterinary College and Colleges of Agriculture and Home Economics, $200 to nonresidents of the State; in Graduate School, $75 plus $25 fee. Matriculation fee, $10. Graduation fee, $10 ($20 for advanced degree). Other fees, each semester, all students: Infirmary, $5; undergraduates, Willard Straight Hall membership, $4; locker, $2 for men, and $1 for Freshman and Sophomore women. Laboratory fees are charged to cover cost of material, etc., used by the student. Board and lodging from $450 to $600 a year. Total expenses: High, $1,200; low, $1,000.

Scholarships and fellowships: The University has no way of remitting the regular tuition charges in any instances except to students of certain categories which are exempted by statute of New York State or of the board of trustees. In the Graduate School are 18 scholarships of $200 each and 25 fellowships of $400 to $1,000 each. 18 University Undergraduate Scholarships, each continuing for two years and having an annual value of $200, are awarded each year to members of the incoming Freshman class on the basis of a competitive examination.

Research: The Heckscher Foundation for the Promotion of Research at Cornell University provides income for the trustees to use in setting professors and instructors partly or wholly free from teaching duties for productive research and scholarship, and for publication. In addition, special endowments and regular Federal and State appropriations provide for investigation in many different fields. The University conducts two Agricultural Experiment Stations, one at Ithaca and one at Geneva, N. Y.

Session begins on Wednesday next preceding the Monday nearest the first of October; ends on Monday nearest June 15.

Summer session begins on first Saturday after July 1, and continues 6 weeks. Attendance in 1925 was 2,023.

University extension only in the College of Agriculture.

Publications: Annually, the Cornell University Official Publication, a series of pamphlets, including the General Circular of Information and the Announcement of each school and college, and of the summer session (all these intended for prospective students), the Register (a comprehensive record of the past year), and the President's Report. The University publishes the bimonthly Philosophical Review, and the occasional Cornell Studies in four departments, viz., Philosophy, Classical Philology, English, and Romance Languages and Literatures; also Islandica, an annual relating to Iceland and the Fiske Icelandic Collection in the university library.

Administrative officers: President, Livingston Farrand; Registrar, David F. Hoy.

College of Arts and Sciences

Admission limited to 500 Freshmen; 15 units, including English 3, Foreign Languages 5 (3 in one and 2 in another), Mathematics 2½, History 1.

Degree requirements: For A.B.: 120 hours including 6 hours in each of seven groups of studies selected from a list of eight groups, and 20 hours in one of sixteen upper class groups. For the B. Chem., a 4-year curriculum.

Departments and Staff: Astronomy: *Professors*, 1; *Assistant Professors*, 0; *Lecturers*, 0; *Instructors*, 0. Bibliography: 0, 0, 1, 0. Biology (Animal Biology and Botany): 22, 8, 1, 28. Chemistry: 8, 1, 0, 11. Classics (Archæology, Greek, Latin): 5, 1, 0, 0. Economics: 5, 3, 0, 9. Education: 2, 1, 0, 2. English Language and Literature: 6, 5, 0, 13. Geology and Physical Geography: 4, 1, 0, 7. German: 3, 1, 0, 1. Government: 2, 1, 0, 1. History: 6, 1, 0, 0. Mathematics: 8, 2, 0, 12. Music: 1, 1, 0, 1. Philosophy: 3, 1, 0, 1. Physical Education: 1, 0, 0, 0. Physics: 5, 6, 0, 20. Psychology: 2, 2, 0, 2. Public Speaking: 1, 3, 0, 5. Romance Languages and Literatures (French, Spanish, Italian): 5, 0, 0, 9. Scandinavian Languages and Literatures: 1, 0, 0, 0. Semitic Languages and Literatures and Oriental History: 1, 0, 0, 0. See also chapters V–VI.

Laboratories: Baker Laboratory of Chemistry (1923–24), cost $1,800,000. Equipment valued at $251,500. Laboratory of Geology in McGraw Hall, equipment, $87,000. Laboratory of Physics in Rockefeller Hall (1903–4), cost $275,000; equipment, $206,000. Laboratory of Psychology in Morrill Hall and Goldwin Smith Hall; equipment, $35,000. Laboratory of Zoology in McGraw Hall; equipment, $106,000.

Museums of Archæology, Botany, Chemistry, Education, Geology, Paleontology and Zoology.

Enrolment, 1925–26, 2,029.

Administration: Dean, R. M. Ogden; Secretary, R. P. Sibley.

Cornell Law School

Cornell Law School is a graduate school, giving instruction in the common law and equity jurisprudence of England and America, the attention of students being called to local peculiarities.

Building: Boardman Hall (1891), used exclusively by the school, cost $102,700.

Library: More than 60,000 volumes and about 6,000 pamphlets. Includes a complete collection of the reports of the Federal Courts and of the several American State jurisdictions and the English, Scottish, Irish, Australian, and English colonial reports; also an unusually complete collection of statute law, and a complete collection of periodicals, digests, encyclopedias, texts, and other material.

Admission requirement: Bachelor's degree of an approved college or university. Seniors in College of Arts and Sciences of Cornell University may take entire first year in law to complete requirements for A.B.

Degree requirements: A 3-year course leading to LL.B. All the fundamental courses of first year required; most of work of second and third years elective. Normally a student carries 12 to 14 hours of classroom work a week.

Departments and Staff: Law: *Professors*, 6; *Assistant Professors*, 2; *Lecturers*, 4. See also chapters V–VI.

Enrolment, 1925–26, 202. Summer session (1925), 121.

Scholarships: The Cornell Law Associa-

tion Scholarships, 6 for 1926–27, $250 each; the Boardman Scholarship, $100 awarded annually for senior year; Fraser Scholarships, $100 and $50 respectively, awarded for the senior year by the senior class from a list recommended by the faculty.

Summer session of 11 weeks each summer, divided into two terms of 5½ weeks each.

Publication: The Cornell Law Quarterly, published by students under faculty supervision.

College of Agriculture

New York State College of Agriculture at Cornell University (see also State College of Home Economics and the New York State Experiment Station), Ithaca, New York.

The organization is unique in that the State College of Agriculture is a unit in Cornell University, which is a private institution. The State of New York supplies the funds for the support of the College, and asks the University to serve as agent in its administration.

Aside from tuition and other student fees the funds available to the College (1926–27) amount to $1,597,253, of which $1,358,068 is supplied by the State of New York, $224,435 by the Federal Government, and the remainder comes from special funds.

Grounds and buildings: The College has in use a farm of 1,000 acres owned by the University, and rents 150 acres in addition. Cost of buildings erected by State since 1904, $1,600,000, not including various small structures. The College operates an experimental vegetable farm at Riverhead on Long Island, and some smaller experimental fields in other parts of the State.

Library: About 80,000 volumes related to agriculture, housed partly at the College and partly in the University Library.

Laboratories: Students of agriculture take their basic science work in courses in the College of Arts and Sciences. The College of Agriculture maintains in addition laboratories for work in Soils, Crops, Animal Husbandry, Poultry, Bacteriology, Entomology, Dairy Industry, Botany, Plant Physiology, Plant Pathology, Plant Breeding, Floriculture, Ornamental Horticulture, Vegetable Gardening, Pomology, Forestry, Meteorology, and Rural Engineering. The laboratories and classrooms are supplemented by greenhouses and other field equipment appropriate to teaching and research.

Admission requirements: 15 units without condition and including English 3, History 1, Algebra 1, Plane Geometry 1, Foreign Language 3 (or 2 in each of two). The New York State academic diploma in Agriculture is accepted for entrance.

Degree requirements: In addition to military drill or physical training and hygiene, 120 hours, including English 6, Biology, Botany, or Zoology 6, Chemistry or Physics 6, Physiology 3, Economics 5, additional basic science 18, agricultural electives 55. Farm experience required prior to admission or during summers, except for student specializing in certain subjects.

Staff: *Professors*, 99; *Assistant Professors*, 43; *Instructors*, 85. See also chapters V–VI.

Enrolment: 4-year course, 812; 12 weeks winter course, 139; graduate students, 257; summer school, 507.

Degree: Bachelor of Science.

Fees: Tuition free to those who have resided in New York State at least one year; $200 for other undergraduates. Laboratory fees average $50 a year. See general statement.

Research: Approximately one-fifth of total funds devoted to research. 250 graduate students in agricultural departments. Graduate study may also be prosecuted under staff of State Experiment Station at Geneva.

Summer session: July 6 to August 14. 11 departments offered 100 courses. Attendance, 507.

Extension: The College maintains a staff of extension workers, and extension teaching is done by every department. During the year approximately a million teaching contacts were made through lectures, demonstrations, short-time schools, tours, farm visits, and in other ways. Each of 55 agricultural counties of the State employs an agricultural agent working under general supervision of the College and paid partly from college funds. There are also twenty-four junior extension agents working with 4-H clubs. A lantern slide and moving-

picture film service is provided for agencies carrying on agricultural extension work. Correspondence courses in Agriculture enrolled 1,200 students.

Publications: Series of memoirs, experiment station bulletins, and extension bulletins embodying results of experimentation and making agricultural information available to farmers. About a million and a quarter of these bulletins are distributed yearly, and are sent only on request.

Administration: Dean, A. R. Mann; Director of Extension, C. E. Ladd; Director of Experiment Stations, R. W. Thatcher; Director of Resident Instruction, Cornelius Betten; Secretary, O. W. Smith.

Agricultural Experiment Station

New York State Agricultural Experiment Station, Geneva, New York.

Established in 1882. Since 1923, Cornell University has served as agent of the State in administration of the Station. In order to correlate experimental work at Geneva and at Ithaca, the two stations are under the same Director.

Total income for 1925–26, $290,615, of which all but $6,000 of Federal funds was appropriated by the State of New York.

Station farm comprises 246 acres. Besides barns, tool-sheds, etc., there is a chemical laboratory building, a biological laboratory building, an administration building, and a greenhouse range. Residences provided for certain members of the staff.

Library: A highly specialized library is built around the several sciences in the field of the Station's experimental work.

Museums: A museum contains a collection of models illustrating the contributions of the Station to agriculture.

The Station is primarily and almost solely a research organization. Departments are maintained in Agronomy, Botany, Bacteriology, Biochemistry, Dairy Industry, Dairy Chemistry, Plant Pathology, Entomology, and Horticulture.

Staff: The technical staff includes 55 persons. Graduate students in the State College of Agriculture may elect to study under direction of members of the staff.

Publications: Results of experimental work published in station bulletins; series of illustrated monographs of the fruits and vegetables of the State.

Administrative officers: Director, R. W. Thatcher; Vice-Director, U. P. Hedrick.

College of Home Economics

New York State College of Home Economics at Cornell University.

Aside from tuition and other student fees the College received during 1926–27, $231,012 from State appropriations, $74,179 from Federal funds, and $40,250 from other sources.

One building (1910) erected by State, cost $150,000; two other buildings rented.

The Home Economics building has laboratories for work in foods, textiles, clothing, household equipment, and household art. There is also a small house and an apartment in which students live during a practice period. A commercial shop conducted in connection with work in clothing. A building devoted to instruction in child care and training has provision for a nursery school. A cafeteria serves as a training laboratory in food preparation and in institution management.

Admission requirements: 15 units without condition, and including English 3, History 1, Plane Geometry 1, Algebra 1, Foreign Language 3 (or 2 in each of two). The New York State academic diploma in homemaking is accepted.

Degree requirements: Aside from physical training and hygiene, 120 hours, differing according to the line of specialization. Courses organized for the general student and for specialization such as is needed by teachers of foods or clothing, clinical or laboratory dietitians, managerial dietitians, and extension workers in home economics. There is a special course in hotel administration.

Staff: *Professors*, 11; *Assistant Professors*, 18; *Instructors*, 19. See also chapter V.

Enrolment: 4-year course, 503; graduate students, 12; summer school students, 55.

Degree: B.S.

Fees: Tuition free to New York State

residents; $200 for all others except students of hotel administration, who pay $300.

Research work in foods and nutrition, household economics, and child training.

Summer session: July 6 to August 14. The sessions of 1925 and 1926 were limited to child training, 9 courses. Attendance, 55.

The College of Home Economics has general supervision of home economics extension throughout the State. A staff of extension workers at the College and 40 home demonstration agents in the various counties giving instruction in all phases of homemaking.

Administrative officers: Dean, A. R. Mann; Directors, Martha Van Rensselaer and Flora Rose; Director of Extension, C. E. Ladd; Director of Experiment Stations, R. W. Thatcher; Vice-Director of Experiment Station, Cornelius Betten; Secretary, O. W. Smith.

Veterinary College

New York State Veterinary College, Ithaca, New York.

Maintained by State of New York and administered by Cornell University, being similar to the State College of Agriculture in its organization and relationships.

Established in 1894 on a foundation of courses in Veterinary science which had been given in Cornell University since 1868.

Appropriation for 1926–27 is $154,990.

Group of 5 large and several smaller buildings near center of university campus, besides an outlying experiment station and farm.

Library: Roswell P. Flower Veterinary Library, 6,000 volumes; endowment, $10,000.

Laboratories of Anatomy, Physiology, Pathology, Bacteriology, Materia Medica, and Surgery supplemented by general scientific laboratories of the College of Arts and Sciences and Medical College.

Museum.

Admission by either (a) presentation of a veterinary student certificate issued by the State Education Department, Albany, or (b) satisfaction of Cornell University entrance requirements in 15 units, including English 3, a Foreign Language 3, History 1, Plane Geometry 1, and Elementary Algebra 1.

Degree of Doctor of Veterinary Medicine (D.V.M.) prescribed 4-year course.

Staff: *Professors*, 8; *Assistant Professors*, 9; *Instructors*, 5.

Enrolment in 1925–26, 99.

Degrees conferred in 1925–26, 20; since foundation, 639.

Tuition free to those who have resided in New York State at least one year; $200 for other undergraduates. Laboratory fees for the four years respectively will approximate $43, $55, $34 and $20. Other fees as in general statement.

About one-eighth of the college's income is devoted to research.

Publications: An annual report.

Administration: Dean, Dr. V. A. Moore.

College of Architecture

A professional school, offering courses of study designed for basic training preparatory to the practice of Architecture, Landscape Architecture, Painting or Sculpture. Established in 1871. Offices and studios in White Hall and Franklin Hall. Collection of 24,000 lantern slides.

Admission limited and obtained only through committee on admissions of the college after satisfying the minimum entrance requirements: 15 units including English 3, History 1, Elementary Algebra 1, Intermediate Algebra ½, Plane Geometry 1, Solid Geometry ½, Foreign Language (3 in one language or 2 in each of two languages), and at least one of the following: Advanced Algebra ½ unit, Plane Trigonometry ½ unit, Physics 1 unit, or Chemistry 1 unit.

Curriculum of 5 years leads to degree of Bachelor of Architecture, Bachelor of Landscape Architecture, or Bachelor of Fine Arts.

Staff: *Professors*, 10; *Assistant Professors*, 6; *Instructors*, 1, and *Librarian*, 1. See also chapter V.

Enrolment in 1925–26, 187.

For tuition and other fees, see above; laboratory fee for all students, $10 each semester.

For graduate study, a $400 university fellowship with free tuition, and the Pendleton Scholarship, $500.

Dean of the College, F. H. Bosworth, Jr.

The College of Engineering

School of Civil Engineering; Sibley School of Mechanical Engineering; School of Electrical Engineering.

In addition to collection of engineering literature in university library, each of the schools has a branch library containing from 2,500 to 4,000 books each. These branches are intended to present to the student books and magazines as they issue from the press. Of special importance is the Kuichling Memorial Library of the School of Civil Engineering, a collection of 1,500 books and pamphlets on hydraulic and municipal engineering.

Testing of materials of construction, of highway material, and of materials used in mechanical and electrical engineering, and for commercial testing of machines operated by steam, electricity or water. Hydraulic Laboratory in a gorge alongside a waterfall that provides a natural head of ample capacity of about 60 feet.

Fuertes Astronomical Observatory, the Irving Porter Church 12-inch equatorial telescope and other equipment.

Admission requirements: 15 units, including English 3, one Foreign Language 3, or two Foreign Languages 4, History 1, Plane Geometry 1, Elementary Algebra 1, Intermediate Algebra ½, Solid Geometry ½, Advanced Algebra ½, Plane Trigonometry ½.

Degree requirements: Three baccalaureate degrees are conferred, Civil Engineer, Mechanical Engineer, and Electrical Engineer, each requiring primarily the completion of a prescribed 4-year course of approximately 145 hours. Provision is also made for a more extended course: the student may obtain both the degree of A.B. and that of C.E., M.E., or E.E. within six years—two years of instruction in the College of Arts and Sciences, and 4-year course in Engineering. Instruction during Freshman year common to all students in the College of Engineering.

Staff: *Professors*, 37; *Assistant Professors*, 14; *Instructors*, 67. See also chapter V.

Publications: The Cornell Civil Engineer and The Sibley Journal; research bulletins.

Cornell University Medical College in New York City

First Avenue at 28th Street, New York City.

Founded in 1898, and endowed by the late Col. Oliver H. Payne.

Governed by board of trustees of Cornell University through the Medical College Council, which includes representatives of board and faculty.

Productive funds on June 30, 1926, $5,205,176. Income available for current expenses in 1925–26, $650,604.50.

Total value of grounds and buildings with equipment, $1,108,000.

Library: 15,000 volumes; 175 current periodicals.

Laboratories: Loomis Laboratory and college building in East 26th Street (1886).

Museums: In main college building, Pathology and Anatomy, Obstetrics.

Admission requirements: Graduates of approved colleges or scientific schools, or seniors in good standing in such colleges or schools on condition that their faculty will permit them to substitute the first year in the Cornell University Medical College for the fourth year of their college course, and will confer upon them the bachelor's degree upon satisfactory completion of the year's work.

Degree requirements: 4 years of medical study.

Staff: *Professors*, 41; *Associate Professors*, 10; *Assistant Professors*, 24; *Instructors*, 19; *Assistants*, 21. See also chapters V–VI.

Degrees conferred year ending June 30, 1926, M.D., 63; total number of degrees conferred since foundation, M.D., 1,328.

Fees: Tuition and fees, $500 a year.

Research funds aggregate about $318,000.

Publications: Catalog in January. Bulletins three times a year.

Administrative officers: Dean, Walter L. Niles; Secretary of the Faculty, J. S. Ferguson; Managing Clerk, J. T. Willson.

In Ithaca

Building: The Ithaca Division of the Medical College occupies Stimson Hall (1901) cost $130,750; equipment valued at $90,000.

Library: Van Cleef Memorial Library housed in Stimson Hall, provides reference works and important periodicals in addition to facilities of university library.

Staff: *Professors*, 3; *Assistant Professors*, 3; *Instructors*, 6. See also chapters V–VI.

Research: The Ithaca Division has income of an endowment fund of $50,000. Department of Physiology operates an experimental field station occupying 9 acres near Ithaca.

Administration: Secretary of the Faculty, A. T. Kerr.

THE CREIGHTON UNIVERSITY

25TH AND CALIFORNIA STREETS
OMAHA, NEBRASKA

University, with College of Liberal Arts and High School. Owned and conducted by the Society of Jesus. Woman's College, conducted by the Society of the Sacred Heart. No religious test applied to the teachers or students.

History: Creighton College of Arts and Sciences, and Creighton High School founded in 1877; Medical College opened in 1892; Pharmacy in 1905; Law in 1904; Dental in 1905; and Commerce and Finance in 1920.

Self-perpetuating board of trustees, composed of 5 members, the President of the University being president of the board. The trustees all belong to the Jesuit Order.

Financial resources: Endowment, $2,297,488.39. Income from all sources, $536,797.28. Total annual expenditures, $511,199.44. Additions to endowment, $32,488.39. Stadium, $300,000.

Grounds and buildings: Value of grounds, $187,600. Value of buildings and equipment, Administration, Liberal Arts and High School, $350,000; Medical and Pharmacy, $200,000; College of Dentistry, $250,000; College of Law, $225,000; College of Commerce and Finance, $30,000; Dormitory, $50,000; Auditorium, $30,000; Gymnasium, $200,000; Stadium, $300,000; Observatory, $10,000. Total, $1,645,000. Equipment, $455,774.88.

Library: 70,557 volumes and 5,207 pamphlets, distributed as follows: Medical and Pharmacy, 6,000; Law, 26,057; Arts, and High School, 37,000.

Laboratories: Physics, Chemistry in Arts College Building. Medicine, Pharmacy, Dentistry in respective buildings. Biological laboratory in Dental Building.

Observatory: 5-inch refracting telescope, and a 3-inch meridian.

Health program: Medical examination given to all matriculates. Gymnasium. Stadium.

Admission requirements: For medicine: 4 years high school, 2 years (60 semester hours) pre-medical, including 8 semester hours in Physics, 8 in Biology, 12 in Chemistry, 6 in English. The remaining 26 semester hours are elective. No conditions allowed.

Dental: 1 year (30 semester hours) pre-dental, after high school, including Physics, Biology, Chemistry and English. No conditions allowed.

Pharmacy: 4 years high school (15 units). No conditions allowed.

Law: 4 years high school; 2 years college.

Commerce and Finance: 4 years (15 units) high school.

Arts and Sciences: 4 years (15 units) from an accredited high school. One condition allowed, must be made up first year of residence.

Degree requirements: M.D. degree, about 4,000 clock hours; passing grade, 75 per cent in every branch, with a general average of 77.5. Thesis required. B.Sc. in Medicine after 2 years of medical courses; passing grade same as foregoing. Thesis. Dental, 4 years. Law, 78 hours of law courses; 3 years. Commerce and Finance, 4 years. Arts and Sciences, 128 semester hours. Prescribed: English 12, Modern Language 12, Mathematics 6, History 6, Philosophy 15, Military Training 4, Evidences of Religion 8. For A.B. (in addition to foregoing), Latin, 16, Science 8. For B.S. (additional) Science 16.

General requirements: All students must take 2 years of military science. Catholic

students (College of Arts and Science and College of Commerce and Finance) required to attend Chapel once a week.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1, 0. Chemistry: 1, 1, 0, 0. Czech: 0, 0, 0, 1. Education: 1, 0, 2, 0. English: 1, 0, 1, 2. French: 0, 0, 1, 0. History: 1, 0, 1, 0. Latin: 0, 0, 1, 0. Mathematics: 1, 0, 1, 0. Military: 1, 0, 1, 3. Philosophy: 1, 0, 1, 0. Physical Education: 1, 0, 1, 0. Physics: 1, 0, 0, 0. Public Speaking and Drama: 0, 1, 0, 2. Religion: 1, 0, 1, 0. Sociology: 1, 0, 0, 0. Spanish: 0, 0, 2, 1. COLLEGE OF COMMERCE: *Professors*, 6; *Associate Professors*, 0; *Assistant Professors*, 10; *Instructors*, 12. COLLEGE OF DENTISTRY: 13, 0, 8, 25. COLLEGE OF LAW: 5, 0, 0, 7. COLLEGE OF MEDICINE: See p. 123. COLLEGE OF PHARMACY: 6, 0, 0, 4.

Publications: Catalog of the various colleges published during the second semester.

Achievements of the year ending June 30, 1926: Erection of $300,000 Stadium. Agreement by which Duchesne College, conducted by Society of the Sacred Heart, became the Women's College of Creighton University.

Enrolment for year ending June 30, 1926, 2,718, including summer session, teachers course and high school: Men, 1,678; women, 1,040.

Degrees conferred year ending June 30, 1926, 260.

Fees: Matriculation, $5; graduation, $10; laboratory, $7.50 a semester; room, $40–$50 a semester; board (cafeteria), $200; living expenses (high): $200 a semester; (low), $150. Tuition, a semester: Arts College tuition, regular, 43. Arts College: Prelegal–Premedical, $58; Commerce, $83; Dentistry, $112; Law, $83; Medicine, $115; Pharmacy, $70.50.

Dates of beginning and ending sessions: Arts and Sciences and Commerce, September 17, 1925 to June 3, 1926. Pharmacy, Law and Dentistry and Medicine begin, respectively, September 18, 21 and 25.

Summer session: June 22 to August 3, 1925. Attendance, 1,925, 637.

Teachers Late afternoon classes. Evening classes in the College of Commerce.

Officers of Administration: President, Reverend William J. Grace, S. J.; Regent of the College of Commerce, School of Law and Director of the Summer School, Reverend Thomas A. Egan, S. J.; Dean of College of Liberal Arts and Sciences, Reverend Joseph C. Flynn; Dean of College of Commerce, Floyd E. Walsh; Dean of College of Dentistry, A. Hugh Hipple; Registrar, Bernard A. Kennedy; Dean of College of Pharmacy, Howard C. Newton; Dean of Men, Reverend Joseph A. Herbers, S. J.; Dean of School of Medicine, Herman von W. Schulte; Dean of School of Law, Louis J. Te Poel; Regent of School of Medicine, Colleges of Dentistry and Pharmacy, Reverend William P. Whelan, S.J.

CULVER–STOCKTON COLLEGE

CANTON, MISSOURI

Coeducational college, privately controlled, affiliated with Disciples of Christ.

Chartered in 1853 as Christian University; name changed in 1917 to Culver-Stockton College. Oldest coeducational institution west of the Mississippi River.

Self-perpetuating board of 18 trustees. Two-thirds of the trustees must be members of the Disciples of Christ Church.

Endowment: $1,006,251.67. Income from endowment, $60,051.40. Income from fees, etc., $31,666.95.

Grounds and buildings: Total value of grounds, 100 acres, $20,566.32. Total present worth of buildings, $377,801.83. Total value of grounds, buildings and equipment, $470,000.

Library, 16,000 volumes, 100 current periodicals.

Laboratories: Value of equipment in principal departments, $21,100.

Health program: Gymnasium with swimming pool, $140,000. Medical inspection of all students required. Physical training for Freshmen and Sophomores required.

Admission requirements: All graduates of first-class high schools admitted if in upper two-thirds of class. 15 units, including English 3, Foreign Language 2, Algebra 1, Plane Geometry 1, History 1, Laboratory Science 1.

Degree requirements: 124 semester hours,

40 of which must be in Senior College. 4 hours of physical education required. For A.B. and B.S.: English 10 hours, Public Speaking 2, Foreign Language 12, Science or Mathematics 15, History 6, Bible 6, Philosophy 5. Major. No foreign language required for B.S. in Home Economics.

General requirements: Young women all board in dormitory unless with relatives or others approved by President. Chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Assistants*, 0; Biology: 1, 1. Chemistry: 1, 0. Education: 1, 0. English: 1, 3. History: 1, 1. Home Economics: 1, 0. Mathematics: 1, 0. Modern Languages: 1, 2. Music: 2, 0. New Testament: 1, 0. Old Testament: 1, 0. Philosophy: 1, 0. Physical Education: 1, 1.

Enrolment for year ending June 30, 1926, 412: Men, 155; women, 257.

Degrees conferred year ending June 30, 1926, 28. Total number of degrees conferred since foundation, 503.

Fees: Annual tuition, $120; graduation, $10; laboratory, $5 a semester. Annual expenses: $370 to $420.

Employment bureau: 20 per cent of students earning part of expenses.

Dates of beginning and ending sessions: September 6, 1927; May 25, 1928.

Summer session: June 4 to August 4, 1928. 10 departments offered 30 courses each in 1926. Attendance, 1925, 207.

Catalog in February.

Achievements of year ending June 30, 1926: Closing up collections in campaign to meet $100,000 pledge of General Education Board.

Administrative officers: President, John Hepler Wood; Dean, Lewis L. Hopkins; Dean of School of Religion, Henry B. Robinson.

DAKOTA WESLEYAN UNIVERSITY

MITCHELL, SOUTH DAKOTA

College for men and women, privately controlled. Affiliated with Methodist Episcopal Church.

Founded in 1885. In 1883 a charter for Dakota University was secured at the instance of the Dakota Mission Conference of the Methodist Episcopal Church. A stock company was formed, "University Addition" to the City of Mitchell plotted and lots sold, thus raising funds for college. In 1885 new company chartered and institution opened. In 1886 Dakota Annual Conference accepted responsibility for control.

Board of 36 trustees; the resident Bishop of the St. Paul area and the 5 district superintendents of the Dakota Conference of the Methodist Episcopal Church, ex officio members.

Endowment, $385,055.21. Income from endowment, $15,567.76. Income from other sources, $98,998.32. Total annual expenditures year ending June 30, 1926, $158,450.

Grounds and buildings: Total value of grounds, 20 acres, $46,856.55. Total present worth of 6 buildings, $421,776.42. Total value of grounds, buildings and equipment, $519,872.98. Two residence halls for women (130); one for men (28).

Library (1889), 19,192 volumes; 125 current periodicals.

Laboratories: Science Hall (1911), present worth, $87,782.76. Value of equipment: Biology, $3,380.42; Chemistry, $5,217.01; Physics, $3,582.14; other departments, $748.74.

Health program: Physical examination required three times a year. Two years of physical education required. Gymnasium (1919) worth $141,555.40 (includes heating plant).

Admission requirements: 15 units, including English 3, Algebra 1, Plane Geometry 1, American History and Civics 1, Science 1. One condition allowed.

Degree requirements: 36 major credits for A.B. or B.S. Certain group requirements. Courses amounting to 9 majors must be taken in one department.

General requirements: Chapel attendance required. Women required to live in dormitories unless they are working for their board and room.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 0, 0, 0. Classical Languages and Literature: 1, 0, 0, 0. Economics and Business Administration: 1, 0, 0, 0. Education: 1, 1,

0, 0. English Language and Literature: 1, 1, 0, 0. History and Political Science: 1, 0, 0, 0. Home Economics: 1, 0, 1, 0. Mathematics and Physics: 1, 0, 1, 0. Modern Languages: 1, 0, 1, 1. Music: 1, 0, 0, 2. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: 1, 0, 0, 2. Religious Education and Sociology: 1, 0, 0, 0. Speech and Dramatics: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 341: Men, 154; women, 187.

Degrees conferred year ending June 30, 1926, 54. Total number of degrees conferred since foundation, 661.

Fees: Graduation, $5; tuition, $40 a quarter; room, $24 to $27 a quarter; board, $54. Annual expenses: Liberal, $650; low, $500.

Scholarships and fellowships: Scholarships for accredited high schools in State and 9 others ($60 each).

More than 25 per cent of student body annually take advantage of opportunities for employment.

Dates of beginning and ending sessions: September 12, 1927; June 1, 1928.

Summer session: Dates, June 8, August 26, 1926. Five departments offered 19 courses, and 12 normal school review subjects. Attendance, 1925, 188.

Catalog in March.

Achievements of year ending June 30, 1926: Campaign for endowment and liquidation fund concluded with total pledges of $650,000.

Administrative officers: President, Edward Delor Kohlstedt; Dean of the College of Liberal Arts, Earl K. Hillbrand; Registrar, Merle A. Gripman.

DARTMOUTH COLLEGE

HANOVER, NEW HAMPSHIRE

Privately controlled liberal arts college for men.

Dartmouth College is an outgrowth of a school founded at Lebanon, Connecticut, by Eleazar Wheelock, for the Christian education of Indian youth. Funds raised in England and contributed largely by Lord Dartmouth, enabled Wheelock to move 150 miles to the Hanover Plain, 5 miles north of the junction of the Connecticut and White Rivers, and so allowed him to enlarge the scope of his work. The Province of New Hampshire gave a charter to the new Dartmouth College in December, 1769. In February, 1819, the College was involved in a law suit with the State of New Hampshire. Daniel Webster, a Dartmouth graduate, as attorney for the College, was successful in receiving a decision from the Supreme Court of the United States, which denied the right of the State of New Hampshire to break its charter and to take control of the College. Since that time the College has remained a private institution, controlled by its board of trustees.

Self-perpetuating board of 12 trustees. The President of the College and the Governor of the State of New Hampshire are members of the board ex officio; 5 members must be residents of the State of New Hampshire; 5 members are elected by the alumni; 5 members are elected for life by the board of trustees.

Endowment: $8,731,733. Total annual income for 1925–26 was $1,233,757, of which $419,577 represented income from investments; $584,654, income from tuition less scholarship payments; $165,979, gifts for current use; and the balance, $63,546, miscellaneous income. Total expense for the year ending June 30, 1926, $1,233,757. Budget for 1926–27, $1,500,000.

Grounds and buildings: Approximately 175 acres in Hanover, valued at about $500,000. Buildings valued at about $4,000,000. Value of grounds, buildings, and equipment about $5,000,000.

Library: New building under construction; approximately 226,000 volumes; 1,200 current periodicals. Special collections: Daniel Webster, Eleazar Wheelock, and on the history of the State of New Hampshire; Sturel collection of literature of the Humanistic Period in France.

Laboratories: 4 buildings devoted to laboratory purposes, valued at about $750,000; equipment valued at about $250,000.

Observatory: 9.4-inch refractor by Clark.

Health program: Required physical examination for all Freshmen and for all competitors for athletic teams; required course in Physical Hygiene; and special nutritional work for underweight and overweight men. Resident psychiatrist superintends mental

hygiene work. Gymnasium (1910) and athletic plant now valued at $1,000,000. Davis Field House for varsity teams. Rest house and infirmary, 40 beds. This is connected with a hospital in Hanover.

Admission requirements: Certificate or College Entrance Board Examinations, with additional requirements of testimonials from school principals and alumni who know the applicant. 15 units without conditions, including English, Algebra, Geometry, History, and a foreign language.

Enrolment limited to about 2,000 so that each year a Freshman class of approximately 600 is selected from 1,500 to 2,000 applicants.

Degree requirements: For A.B., only degree conferred, 122 semester hours with an average rank of about C. Required courses: English, 1 year; Citizenship, ½ year; Evolution, ½ year; either Mathematics and a language, or two languages; 2 years of Science, and 2 years of Social Science. Major in some department and comprehensive examination in major course.

Departments and Staff: Archæology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 1, 0, 0. Biblical History and Literature: 1, 0, 0. Biography: 1, 0, 0. Biology: 3, 3, 2. Chemistry: 3, 2, 4. Citizenship: 0, 3, 1. Comparative Literature: 1, 1, 1. Comparative Religion: 1, 0, 0. Economics: 3, 5, 2. Education: 0, 2, 2. English: 8, 12, 10. Evolution: 1, 1, 1. Far East Civilization: 1, 0, 0. Geology: 2, 0, 2. German: 5, 0, 0. Graphics and Engineering: 1, 1, 0. Greek: 2, 0, 2. History: 4, 4, 2. Latin: 2, 1, 2. Mathematics: 5, 5, 1. Modern Art: 1, 2, 0. Music: 2, 2, 1. Personnel: 2, 0, 1. Philosophy: 2, 1, 1. Physical Education: 1, 6, 6. Physical Fitness: 1, 0, 1. Physiology: 1, 0, 0. Political Science: 3, 1, 2. Psychology: 1, 2, 3. Public Speaking: 1, 2, 2. Romance Language: 5, 10, 6. Sociology: 3, 3, 2. Business School: 7, 4, 1. Engineering School: 2, 1, 0. Medical School, 6, 5, 3.

Enrolment for year ending June 30, 1926, 2,146.

Degrees conferred year ending June 30, 1926: A.B., 355. Since foundation in 1769, 12,259 bachelor degrees have been conferred.

Fees: Tuition charge, $400 a year. This covers all fees with the exception of a $10 graduation tax. Average charge for room, $155; for board, $310. In a study made in 1925 it was found that the average student expense for a year was about $1,400, with expenditures ranging from $1,000 to $2,500.

Scholarships and fellowships: Approximately 300 scholarships and 10 fellowships awarded annually. Scholarships average $275; fellowships, $1,200.

Dates of beginning and ending sessions: Next to last Thursday in September; Commencement, next to last Tuesday in June.

Catalog in January.

Achievements of year ending June 30, 1926: Benefactions during year ending June 30, 1926: For library, $1,000,000, George F. Baker; from Mr. and Mrs. Edward K. Hall, rest house, to be operated in conjunction with the hospital; field house, gift of Howard Clark Davis, dedicated. Alumni, through annual Alumni Fund, contributed $110,578 for unrestricted uses; gifts bring the total to more than $2,000,000.

Bibliographical references: Frederick Chase, The History of Dartmouth College and Hanover, 1891 (out of print). John K. Lord, The History of Dartmouth College, 1850–1909, 1913. Wilder S. Quint, Story of Dartmouth. General Catalog, 1769–1925. Leon B. Richardson, A Study of the Liberal College, 1924.

Administrative officers: President, Ernest Martin Hopkins; Dean of the College, Craven Laycock; Registrar, Robert Otheo Conant; Acting Dean of the Medical School, Colin Campbell Stewart; Dean of the Thayer School of Civil Engineering, Raymond Robb Marsden; Dean of the Tuck School of Administration and Finance, William Rensselaer Gray.

DAVIDSON COLLEGE

DAVIDSON, NORTH CAROLINA

College for men, Presbyterian.

Founded in 1837 by Presbyterians of Concord, Bethel and Morganton. Chartered 1838. Called Davidson College as a tribute to General William Davidson.

Board of 57 trustees, elected by their respective Presbyteries of the Synods of North

Carolina, Georgia and Florida. Six are elected by the Alumni Association.

Endowment, $875,000. In addition there are interest bearing funds held in trust equivalent to $60,000, and a 5 per cent share in the Duke Endowment. Churches contribute annually approximately $9,000. Budget, 1925–26, $225,000. Gifts from all sources, 1925–26, $350,000.

Campus of 25 acres; 25 buildings. Total value of the buildings and equipment, $870,000. Total value of grounds, $46,000. College owns also 18 residences occupied by members of the faculty.

Carnegie Library cost $20,000. 22,675 volumes; 122 current periodicals.

Martin Chemical Laboratory (1899), valued at $30,000. Chambers Building being erected for Physics, Biology and Geology. Value of equipment: Chemistry, $9,000; Physics, $7,000; Biology, $5,000.

Gymnasium. Full time college physician and full time nurse. Medical examination of all Freshmen at entrance. Physical exercise required of all Freshmen and Sophomores.

Admission requirements: 15 units and recommendation of school principal.

Degree requirements: For A.B. or B.S.: 132 semester hours; minimum of 200 points. First two years prescribed. Major of 24 hours. Minor of 12 hours.

General requirements: Daily and Sunday Chapel attendance required. Training in R. O. T. C. required.

Departments and Staff: Accounting: *Professors*, 1; *Assistant Professors* 0; *Associate Professors*, 0. Applied Mathematics: 1, 0, 0. Astronomy: 1, 0, 0. Bible: 3, 1, 0. Biology: 1, 1, 0. Chemistry: 1, 0, 1. Church History: 1, 0, 0. Economics: 1, 0, 1. Education: 1, 0, 0. English: 3, 1, 0. French: 1, 1, 1. Geology: 1, 0, 0. German: 1, 0, 0. Greek: 1, 1, 0. History: 1, 0, 0. Latin: 1, 0, 0. Mathematics: 2, 1, 1. Military Training: 1, 1, 2. Philosophy: 2, 0, 0. Physics: 1, 1, 0. Psychology: 1, 1, 0. Public Speaking: 1, 1, 0. Spanish: 1, 1, 1.

Enrolment: 639.

Degrees conferred June 1, 1926, 92. Number of degrees conferred since foundation, 2,057.

Fees: Tuition and other charges exclusive of room rent, board and laundry, $150 a year. Room rent, $90 a year.

Scholarships: 81 endowed scholarships. Loan fund of $15,000.

Approximately one half the students earn in part their way through college. A very small per cent earn their entire expense.

Dates of beginning and ending sessions: September 8, 1927; May 27, 1928.

Catalog in February; one issue of College Bulletin (monthly).

Achievements of year ending June 30, 1926: $200,000 received on pledges of a campaign of previous year. General Education Board paid $75,000. Legacy of $50,000 from Dr. James Sprunt of Wilmington, N. C., to establish a chair of Bible. William H. Williamson, an alumnus of the college, left a bequest of $60,000 to establish a chair.

Bibliographical reference: Cornelia Rebekah Show, "History of Davidson College."

Administrative officers: President, William Joseph Martin; Dean, Mark Edgar Sentelle; Registrar, Fred William Hengeveld.

DELAWARE, UNIVERSITY OF

See: University of Delaware.

DENISON UNIVERSITY

GRANVILLE, OHIO

University; coeducational; privately controlled by Baptist denomination.

Founded in 1831.

Self-perpetuating board of 36 trustees.

Endowment, $3,211,791.89. Income from endowment, $205,753.65. Income from other sources, $160,209.54. Total annual expenditures, $356,404.98.

Grounds (400 acres) and buildings, $1,781,000.34; equipment, $337,605.11; residence for men (150); women (322).

Doane Library (1879), 100,000 volumes, including 20,000 government documents; 200 current periodicals..

Swasey Observatory (1910); Barney Science Building (1894; 1906); Chemistry Cottage (1926).

Three physicians and a nurse. Two gymnasiums. Athletic field and stadium ($1,-

000,000 gift of Col. Edward A. Deeds in 1922).

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Foreign Language 2, Science ½.

Degree requirements: 128 hours, and 140 points. For A.B. 32 hours must be in Greek and Latin, and at least 10 hours in Science. For B.Sc., there must be a major of 20 hours in one science and a minor of 12 hours in another. For Ph.B., a major may be taken in English, Language, History, Political Science, or Philosophy, with 10 hours of Science. For all degrees one must have 12 semester hours of English, 16 of Modern Language, 6 of Mathematics, 6 of Philosophy, and 4 of Physical Culture.

Chapel attendance required. Women must live in dormitories.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Botany: 1, 0, 0, 1. Chemistry: 1, 0, 1, 0. Christian Education: 1, 0, 1, 0. Civil Engineering: 1, 0, 0, 1. Economics: 1, 0, 0, 0. Education: 1, 0, 1, 0. English: 1, 2, 4, 0. Geology: 1, 0, 0, 0. Greek: 1, 1, 0, 0. History: 1, 0, 1, 1. Latin: 1, 0, 1, 0. Library Science: 1, 0, 2, 0. Mathematics: 1, 1, 1, 3. Military Science: 1, 0, 1, 2. Modern Language: 1, 2, 1, 2. Music: 1, 0, 1, 5. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 1, 4. Physics: 1, 0, 1, 0. Political Science: 1, 0, 0, 0. Psychology: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Zoology: 1, 0, 0, 1.

Enrolment for year 1925–26: College, 866; Conservatory, 228; Doane Academy, 99; Total, 1,193: Men, 594; women, 599.

Degrees conferred June, 1926, 133: A.B., 14; Ph.B., 77; B.Sc., 42.

Fees: Tuition, $100 a semester; diploma fee, $5; board, $90; room, $60; laboratory fees, $1 to $50. Annual expenses: Low, $500; high, $1,000.

Scholarships: 169 ($25 to $50 a semester).

Employment bureau: Total amount of earnings for the year: $21,000 reported by 309 students.

Dates of beginning and ending sessions: First semester, September 13, 1927, to January 27, 1928. Second semester, January 30 to June 11, 1928.

Catalog in January.

Administrative officers: Dean of Granville College and Acting President, Bunyan Spencer; Dean of Shephardson College, Abbie L. Tuller; Recorder, Asher K. Mather.

DENVER, UNIVERSITY OF

See: University of Denver.

DE PAUL UNIVERSITY

1010 Webster Ave., and
84 East Randolph St.,
Chicago, Ill.

University for men and women; privately controlled; under control of Roman Catholic Church.

In 1898 chartered as St. Vincent's College. In 1907 chartered as De Paul University. 1912 affiliated with Illinois College of Law and Illinois Law School. College of Music established. 1913 College of Commerce established.

Self-perpetuating board of 15 trustees, consisting of 10 priests and 5 laymen.

Financial resources: No endowment. Only income is from tuition. Total annual expenditures for year ending June 30, 1925, $268,742.53.

Grounds and buildings: 5 buildings and grounds valued at $1,320,000.

Library: 25,000 volumes.

Laboratories: Value of equipment: Physics, $7,000; Chemistry, $5,500; Biology, $7,750; Astronomy, $3,000; Geology, Mineralogy and Botany, $3,000.

Observatory: 6-inch refractor.

Admission requirements: 15 units, including English 3, one Foreign Language 2, Mathematics 2, History 1, Science 1.

Attendance at the classes in religion and devotional exercises exacted of Catholic students is optional to non-Catholic students. Candidates must be at least sixteen years of age.

Degree requirements: For B.A., B.S., B.S. in Commerce, Ph.B., B.Litt., B.Ed.: 120 semester hours, largely prescribed. For B.S. a thesis is required. For LL.B., 3 years in day classes, or 4 years in evening classes. For J.D., bachelor's degree and requirements for LL.B. For LL.M., degree of LL.B. and one year of resident study. For

D.C.L.: A.B. and LL.M., and one or more years of resident study. For M.S., one year (30 semester hours) after receiving bachelor's degree.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 3, 0, 0, 0. French: 1, 0, 0, 0. Geology: 1, 0, 0, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Spanish: 1, 0, 0, 0. College of Law: *Professors* (full time), 2; (part time), 8; *Associate Professors* (part time), 2; *Assistant Professors* (part time), 1; *Instructors* (full time), 2; (part time), 1; *Special Lecturers*, 14. College of Commerce: *Professors*, 17; *Associate Professors*, 1; *Assistant Professors*, 5; *Instructors*, 10.

Enrolment: College of Liberal Arts: 3,120: Men, 1,332; women, 1,788. College of Law: 509: Men, 493; women, 16. College of Commerce: 330: Men, 218; women, 112. Total number of matriculates since foundation, 10,241.

Degrees conferred June 16, 1926, 197: Sc.D., 1 (Honorary); M.A., 6; M.S., 1; A.B., 24; S.B., 5; Ph.B., 37; Lit.B., 1; B.Ed., 6; B. Mus., 2; J.D., 9; LL.M., 11; LL.B., 73; B.S. in Commerce, 9; Ph.B. in Business Administration, 1; B.C.S., 12. Total number of degrees conferred since foundation, 2,097.

Fees: College of Liberal Arts and Sciences: Matriculation fee, $10; tuition, $180 a year; laboratory fees, $4 to $9 a semester; student activities, $10; diploma fee, $10. College of Law: Matriculation fee, $10; tuition, $180 a year. College of Commerce: Tuition, $180; matriculation, $10; student activities, $10; graduation, $10. Board and lodging from $12 a week up.

Dates of beginning and ending sessions: September 6, 1927; June 13, 1928.

Summer session: June 27 to August 7, 1928. 4 departments offered 55 courses in 1926. Attendance, 1925, 1,103.

University extension: For teachers in parochial and public schools classes are held in late afternoons, evenings, and Saturday mornings. Evening classes in Colleges of Law and Commerce and Pre-Law division of the Liberal Arts. Correspondence courses in History and Education.

Publications: Bulletins in March, May and June.

Administrative officers: President, Very Reverend Thomas F. Levan, C.M.; Dean of the College of Liberal Arts and Sciences, Rev. Dennis A. Duggan, C.M.; Dean of the College of Law, William F. Clarke; Dean of the College of Commerce, James A. Losty; Registrar, College of Liberal Arts and Sciences, John C. McHugh.

DePAUW UNIVERSITY

GREENCASTLE, INDIANA

Coeducational university; privately controlled; affiliated with Methodist Church.

Chartered in 1837 as Indiana Asbury University. In 1884 name changed to DePauw University in honor of benefactor.

Joint board of trustees (33) and visitors (9).

Endowment: $4,588,689.90. Income from endowment, $125,984.63. Income from other sources, $271,432.64. Total annual expenditures year ending June 30, 1926, $397,417.27.

Grounds and Buildings: Total value of grounds (50 acres), $81,035. Total present worth of buildings, $946,312. Total value of grounds, buildings and equipment, $1,175,847. Three residence halls for women, two for men; total capacity, 400.

Library (1908), 58,671 volumes, including 10,590 government documents; 6,120 current periodicals.

Observatory: McKim Astronomical Observatory; 9.53-inch refractor.

Health program: Physical and medical examination of every student. Infirmary. Bowman Memorial Gymnasium (1916).

Admission requirements: 16 units, including English 3, Mathematics 1½, History 1, Foreign Language 2 or 3, Laboratory Science 1. Deficiencies must be made up during first year.

Degree requirements: For B.A.: 124 hours including required work in Physical Education; at least 120 credit points. Major of 30 hours.

General requirements: Two years of military training and physical education required.

Departments and Staff: Art History: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 2, 0, 2, 1. Chemistry: 2, 0, 0, 3. Comparative Literature: 1, 0, 0, 0. Economics: 1, 1, 1, 2. Education: 2, 0, 0, 0. English Bible: 2, 0, 0, 0. English Composition and Rhetoric: 2, 0, 3, 5. English Literature: 1, 1, 0, 0. Geology: 1, 0, 0, 0. German Language and Literature: 1, 1, 0, 1. Greek Language and Literature: 1, 1, 0, 0. History: 3, 1, 1, 1. Home Economics: 0, 0, 0, 2. Latin Language and Literature: 1, 1, 0, 1. Mathematics: 1, 0, 2, 1. Military Science: 1, 0, 3, 0. Music: 3, 0, 0, 0. Philosophy: 1, 0, 1, 0. Physical Education: 1, 1, 1, 6. Physics, 3, 0, 0, 3. Political Science: 1, 0, 1, 1. Psychology: 2, 0, 1, 0. Public Speaking: 1, 1, 0, 1. Religious Education: 1, 0, 0, 0. Romance Languages: 1, 0, 2, 5. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: 1,942: Asbury College of Liberal Arts, 1,744; School of Music, 168.

Degrees conferred year ending June 30, 1926, 251.

Fees: Matriculation, $87.50; graduation, $5; general fees, $7; laboratory from $3 to $7.50; room in University Hall, $36 to $54 a semester; board, $99 a semester. Annual expenses: Liberal, $800; low, $450.

Scholarships: 12.

Employment bureau: Almost one half of students earn their way in part.

Dates of beginning and ending sessions: First semester, September 6, 1927 to January 28, 1928. Second semester, January 30 to June 11, 1928.

Summer session: June 8 to August 14, 1928. Attendance, 1925, 183.

Publications: DePauw University Bulletin, including catalog and annual reports.

Achievements of year ending June 30, 1926: Edward Rector bequest, $500,000 for two dormitories; $100,000 to retirement endowment fund; approximately $1,000,000 to Rector Scholarship Foundation; F. G. and Anna Gilmore Endowment Fund, $25,000.

Administrative officers: President, ——; Dean, Edwin Post; Dean of Women, Katharine Sprague Alvord; Registrar, Marion A. Bradford.

DETROIT, COLLEGE OF THE CITY OF

See: College of the City of Detroit.

DETROIT, UNIVERSITY OF

See: University of Detroit.

DICKINSON COLLEGE

CARLISLE, PENNSYLVANIA

Name for bequests: Trustees of Dickinson College in the County of Cumberland and the Borough of Carlisle.

Liberal Arts College, for men and women. Privately controlled. Under the auspices of Methodist Episcopal Church.

Chartered September, 1783. Opened in 1784.

Self-perpetuating board of 35 trustees.

Financial resources: Endowment approaches a million dollars. Income from endowment, $40,000. Income from other sources, $130,000. Total annual expenditures, 1925–26, $160,000.

Total value of grounds, 20 acres, $100,000. Present worth of 10 buildings, $535,000. Value of grounds, buildings, equipment, $750,000.

James W. Bosler Memorial Library (1885), 40,000 volumes.

Laboratories: Science Building (1884): Physics and Chemistry. Laboratory for biological sciences in Denny Administration Building.

Health program: Physical examination of entering students. Gymnasium.

Admission requirements: Full high school academic course required; 4 years of English, 3 of Mathematics, 2 of language other than English, 1 of History.

Degree requirements: 132 semester hours, including Bible, English, History, Mathematics, Philosophy, Psychology, and Social Science; two courses in Foreign Language; 16 semester hours of Science; major of 24 semester hours and a minor of 18 semester hours. Half the total requirements must grade C or above, or two-thirds of the Junior and Senior hours must so grade.

General requirements: Physical culture required for two years. Daily chapel attendance required.

Departments and Staff: Bible: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Botany and Biology: 0, 1, 0, 0. Chemistry: 1, 0, 0, 1. Education: 1, 0, 0, 0. English: 3, 0, 0, 2. German Language and Literature: 1, 0, 0, 0. Greek Language and Literature: 1, 0, 0, 1. History: 2, 0, 0, 1. Latin Language and Literature: 2, 0, 0, 0. Law: 1, 0, 0, 0. Mathematics: 2, 0, 0, 0. Philosophy and Religious Education: 1, 0, 0, 0. Physical Training: 1, 0, 0, 2. Physics: 1, 0, 0, 1. Psychology: 1, 0, 0, 0. Romance Languages and Literature: 1, 2, 0, 0. Social Science: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 543: Men, 399; women, 144.

Degrees conferred year ending June 30, 1926, 104: A.B., 74; Ph.B., 22; Sc.B., 8.

Fees: General charge for each student is $250, which covers incidental fees for athletics and student activities. Only other general charge is diploma fee of $5 on graduation. Laboratory fee, $12.50. Dormitories largely provided by fraternities. Room in college dormitories, $25–$80 a year for unfurnished, but heated and lighted room. Annual expenses: $500 to $1,200.

Scholarships: Varying number (from $25 to $150 each).

Dates of beginning and ending sessions: September 16, 1927; June 6, 1928.

Publications: College bulletin four times a year includes college catalog. President's report published in The Dickinson Alumnus.

Administrative officers: President, James H. Morgan; Dean, Mervin G. Filler; Dean of Women, Josephine B. Meredith.

DOANE COLLEGE

CRETE, NEBRASKA

Liberal Arts College; coeducational; affiliated with the Congregational Churches.

Founded in 1872 at Crete, Nebraska, by Nebraska Congregational Conference. Named for Thomas Doane, Charlestown, Massachusetts, benefactor.

Self-perpetuating board of 26 trustees.

Endowment: $388,808.12. Income from endowment, $19,772.06. Income from other sources including room rent, board, tuition and gifts for current expenses, $101,207.52. Total annual expenditures year ending June 30, 1926, $120,979.58. Budget, 1926–1927, $100,000. Gifts for current expense and endowment, $64,677.44. Pledges on campaign, $192,335. Campaign for $500,000 completed December 31, 1925.

Grounds and buildings: Residence halls for women (180). Total value of grounds, 90 acres and adjoining 320, $47,500. Total present worth of buildings, $194,002.02. Total value of grounds, buildings and equipment, $282,077.02.

Library (1894), 16,050 volumes, including 9,200 government documents; 13,426 pamphlets; 47 current periodicals.

Carnegie Science Building (1909) for Chemistry, Physics, Biology and Home Economics valued at $52,000. Equipment, $12,000.

Observatory: Boswell Observatory; equatorial telescope of 8-inch aperture.

Physical examinations required each semester of Freshman and Sophomores. Gymnasium, athletic field. Fiske Lodge, emergency hospital.

Admission requirements: 15 units, including English 3, Foreign Language 2, Algebra 1, Plane Geometry 1. No conditioned students.

Degree requirements: For A.B.: 128 semester hours with average of C in all subjects; passing grade is D. Major, 24 to 30 semester hours and 16 to 10 in supporting courses. Thesis required. Prescribed courses.

General requirements: Physical education required in first two years. Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 0, 0, 1, 0. English and Public Speaking: 1, 0, 0, 2. Greek and Latin: 1, 0, 0, 0. History and Economics: 1, 0, 0, 2. Home Economics: 0, 0, 0, 1. Mathematics: 1, 0, 0, 1. Modern Languages: 1, 0, 0, 2. Music: 2, 0, 0, 4. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: 0, 0, 1, 2; Physics: 0, 0, 1, 0. Religious Education and Education: 1, 0, 0, 0.

Enrolment: 254: men, 124; women, 130. Total number of matriculates since foundation, 4,000.

Degrees conferred year ending June 30, 1926, 23. Total number of degrees conferred since foundation, 629.

Fees: Tuition, $150 a year; graduation, $5, and $5 student activity fee; laboratory, $2 to $5. Charge for lodging and board, $126 a semester. Annual expenses: Liberal, $750; low, $500.

Scholarships: 48 of annual value of $2,919.87. All scholarships automatically become loans if the student asks for a transcript to another institution unless otherwise stipulated.

Employment bureau: Percentage of students who earned way through college during year ending June 30, 1926: Men, 50; women, 10.

Dates of beginning and ending sessions: September 9, 1927; June 6, 1928.

Publications: Catalog in March; Doane College Bulletin.

Administrative officers: President, Edwin B. Dean; Dean of College, Joseph E. Taylor; Dean of Men, Albert G. Heyhoe; Acting Dean of Women, Ruth France; Registrar, Dwight G. Burrage.

THE DOMINICAN COLLEGE OF SAN RAFAEL

SAN RAFAEL, CALIFORNIA

Catholic College for women. Privately controlled.

Incorporated in 1891, laws of the State of California. A high school department was equipped in 1902. In 1915 Junior College was organized. College course leading to B.A. degree was then adopted.

Total value of grounds, 80 acres, $165,000. Total present worth of buildings, $508,650.

Library: (1898) 15,000 volumes; 60 current periodicals. Value of library, $50,000.

Health program: Physical examination of students at beginning of each semester. Gymnasium (1920). Infirmary under charge of graduate nurse.

Admission requirements: 15 recommended units.

Degree requirements: For B.A., 124 units (semester hours); as many grade points (quality points) as units in all work undertaken in the college. At least 36 units of work done in the upper division must be in upper division courses. Of these, 24 units must be in a major subject, or in a group major. Candidates for B.A. and a general State Certificate are required to complete before graduation, 128 units, of which 4 must be in practice teaching. For B.M.: Similar to those for B.A. All major work is done in the School of Music.

Departments: Art, Astronomy, Biology, Botany, Chemistry, Economics and Sociology, Education, English, French, German, Greek, Home Economics, Latin, Mathematics, Music, Philosophy, Physical Education, Physics, Public Speaking and Dramatics, Religion, Spanish. Staff: *Professors*, 10; *Associate Professors*, 7; *Assistant Professors*, 4; *Instructors*, 5.

Enrolment for year ending June 30, 1926, 267.

Degrees conferred year ending June 30, 1926, 12. Total number of degrees since foundation, 59.

Average expense for year, including tuition and living expenses, $800.

Dates of beginning and ending sessions: September 1–December 20; January 10–May 25.

Summer session: June 20–July 30. Attendance, 1926, 121.

Bulletin in summer.

Administrative officers: President, Mother M. Lewis; Dean, Sister Mary Thomas.

DRAKE UNIVERSITY

DES MOINES, IOWA

University for men and women, privately controlled. Affiliated with the Church of Christ (Disciples).

Founded in 1881.

Self-perpetuating board of 36 trustees.

Endowment: $866,770. Annual budget, $350,000.

Ten buildings with land valued at $1,000,000.

Library: 40,000 volumes; 225 current periodicals.

Laboratories: Botany, Biology, Geology, and Chemistry Laboratories in Sage Hall. Physics and Psychology in Memorial Hall.

Museums: Zoological and geological collections.

Observatory: City of Des Moines and Drake University have erected and equipped a municipal observatory in Waveland Park.

Gymnasium and field house (1926), $225,000. Medical inspection of all Freshmen at entrance.

Admission requirements: 15 units, including English 3, History, Civics, Economics, 1, Mathematics 2, and additional units in English, Foreign Language, History, Civics, Economics, Mathematics and Natural Science to make a total of 11 units.

University consists of College of Liberal Arts, College of Bible, Law School, College of Education, College of Commerce and Finance, College of Fine Arts.

Curricula in first two years of all courses are made up largely of required subjects. 124 semester hours required for graduation. In last two years free election, except that a student must complete major and minor requirements of the various departments.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Botany: 1, 0, 0, 0. Chemistry: 2, 0, 0, 0. Economics: 0, 0, 1, 0. English and Comparative Literature: 1, 0, 4, 1. French: 1, 0, 0, 3. Geology: 1, 0, 0, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 1, 0. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 0, 1. Philosophy and Psychology: 4, 0, 0, 0. Psychology: 1, 0, 0, 0. Physics: 1, 0, 0, 1. Political Science: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Spanish: 1, 0, 0, 2. Zoology and Physiology: 1, 0, 0, 1. College of the Bible: *Professors*, 5; *Lecturers*, 3. Law School: *Professors*, 5; *Instructors*, 3. College of Education: *Professors*, 17; *Assistant Professors*, 2; *Instructors*, 3. College of Commerce and Finance: *Professors*, 14; *Assistant Professors*, 3. College of Fine Arts: *Professors*, 10; *Assistant Professors*, 7; *Instructors*, 12.

Enrolment: 2,469: Liberal Arts: Men, 369; women, 387. Commerce and Finance: Men, 294; women, 7. Bible: Men, 64; women, 25. Education: Men, 50; women, 629. Fine Arts: Men, 87; women, 450. Law: Men, 105; women, 2.

Degrees conferred year ending June 7, 1926, 133. Total number degrees conferred since foundation, 6,546.

Annual tuition and fees, $256. Approximate cost of board and room, $300 to $600 a year. Graduation fee, $10. Laboratory fee from $1 to $17.

Scholarships of $2,000 value awarded annually. Also loans to students of $2,500 a year.

Employment bureau: One-third of students earn their way in part.

Dates of beginning and ending sessions: First semester: September 20, 1927; January 27, 1928. Second semester: February 1 to June 1, 1928. Commencement first Monday in June.

Summer session: June 11 to August 31, 1928.

Publications: Drake University Record, including catalogs for the six colleges, published monthly.

Achievements of year ending June 7, 1926: Campaign for $500,000 Endowment completed; completion of $250,000 Stadium.

Administrative officers: President, Daniel W. Morehouse; Registrar, Emma J. Scott; Dean of Men, Otis C. McCreery; Dean of Women, Mary Carpenter Craig.

DREXEL INSTITUTE OF ART, SCIENCE, AND INDUSTRY

32D AND CHESTNUT STREETS, PHILADELPHIA, PENNSYLVANIA

Non-sectarian college. Technological, for men and women. Privately controlled.

Founded in 1891 by Anthony J. Drexel. The day college offers courses in five schools: Engineering, Home Economics, Secretarial, Business Administration, and Library Science. The work of the evening school is vocational and entirely separate from the day college.

Self-perpetuating board of 24 trustees.

Endowment: $2,605,312.43. Income from endowment, $120,865.47. Income from other sources, $319,637.46. Total annual expenditures year ending June 30, 1926, $429,386.30. Budget, exclusive of dormi-

tory, supply store, etc., $451,065. Gifts: For increase of plant, $50,000. For increase of Endowment Fund, $228,111.91. Liquidation of mortgages, $121,000. For Library Extension, $10,000. Other gifts, $6,388.63.

Total value of grounds (6 acres), $750,000. Total present worth of buildings, $755,478.30. Total value of grounds, buildings and equipment, $1,505,478.30.

Library: (1891), 40,000 volumes; 242 current periodicals. Special collections: Art and Architecture; Standish Collection of the Classics; Jarvis Collection of Musical Scores.

Laboratories are located in main buildings (1891 and 1900). Value of equipment in principal departments: Physical, $6,083.55; Chemical, $14,334.80; Engineering, $70,818.45. Other laboratories, $80,437.46.

Museums in main building.

Health examinations for men and women students. Lectures on mental hygiene. Gymnasium: athletic field (1926). Two infirmaries. Physician and resident nurse in charge of health of the students.

Admission requirements: 15 units, including English 3, History and Foreign Language 3, Applied Science 1, Mathematics 2.5 (for the Engineering curriculum; for Home Economics 2; for Business Administration 1). For admission to School of Library Science: Bachelor's Degree from recognized college. (Maximum number of conditions 2.)

Degree requirements: B.S. in Engineering School: 144 semester hours of academic work and credit in 7 quarters of industrial work. Thesis required. B.S. in Home Economics: 140 semester hours of academic work. B.S. in Commerce: 5-year curricula, requiring 7 quarters of industrial work in addition to the academic work. Commercial Engineering: 137 semester hours; Cooperative Business Administration: 131; Business Administration: 134; Commercial Teaching and Senior Secretarial: 144.

Physical culture required during 9 quarters of women students. Military science required during 5 quarters of men students. Chapel required. Out-of-town women required to live in dormitories.

Departments and Staff: Biological Sciences: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Business Administration: 2, 0, 2, 5. Chemistry: 1, 0, 1, 5. Economics: 0, 0, 0, 1. Education: 0, 0, 1, 0. Engineering: 4, 0, 5, 9. English: 1, 0, 1, 5. Foreign Languages: 0, 0, 0, 1. Home Economics: 1, 0, 3, 12. Library Science: 1, 0, 1, 3. Mathematics: 1, 1, 0, 3. Physics: 1, 0, 0, 2. Physical Training: 1, 0, 0, 1. R.O.T.C.: 1, 0, 0, 2. Sociology: 0, 0, 0, 1.

Enrolment for year ending June 30, 1926: 1,103: Men, 558; women, 545. Enrolment since foundation: 34,159 in day college. Enrolment in evening school for year ending June 30, 1926: 2,583. Enrolment in evening school since foundation, over 50,000.

Degrees conferred year ending June 30, 1926, 47. Total number of degrees conferred since 1916, 570.

Fees: Tuition, $215 a year; matriculation, $10; graduation, $5; and other general fees, $16. Laboratory deposit, $10. Charge for lodging and board, $480. Annual expenses: Liberal, $850; low, $600.

Scholarships: 18: $75 to $225 a year. Loan fund.

Employment bureau: Women earning way through college, 10 per cent; men, 35 per cent.

Dates of beginning and ending sessions: September 19, 1927 to December 17, 1927; January 3, 1928 to March 16, 1928; March 21, 1928 to June 15, 1928; June 25, 1928 to September 8, 1928.

Summer session: July 5 to August 11, 1928. Home Economics and Library Science, 10 courses. Attendance, 1925, 35. Library Science course established in 1926 with 21 students.

University extension evening classes, enrolment, 2,627.

Catalog in January.

Achievements of year ending June 30, 1926: Requirement of Bachelor's Degree for admission to School of Library Science. Inauguration of course in Cooperative Business Administration. Mechanical Engineering Course reorganized. Honors courses established in Mechanical Engineering.

Administration officers: President, Kenneth Gordon Matheson; Academic Dean, Robert C. Disque; Dean of Women, Ruth A. L. Dorsey; Dean of Men, J. Peterson

Ryder; Registrar, Frances E. MacIntyre. The Registrar is in charge of foreign students.

DROPSIE COLLEGE FOR HEBREW AND COGNATE LEARNING

S. E. CORNER BROAD AND YORK STREETS
PHILADELPHIA, PENNSYLVANIA

Post-graduate institution, for men and women, devoted to Hebrew and Cognate learning. Privately controlled. Governors must be of Jewish faith, but in the admission of students there is no distinction on account of creed, color or sex.

Governors appointed by will of founder, Moses A. Dropsie, February, 1905. Charter granted by State of Pennsylvania June 6, 1907. Governors must be not less than 5 nor more than 21. Present number, 12.

Endowment, about $800,000. Value of buildings and grounds, about $400,000. Income, year ending May 1, 1926, $48,348.23. Donations: $3,000 from Julius H. Rosenwald for Chair in Egyptology; $500 for additional fellowship; $2,500 for purchase of Malter Library. Appropriation: $5,000 for publication fund.

One building located in the heart of the city.

Library: 32,000 volumes. Collections of rare books and manuscripts exhibited from time to time.

Admission requirements: Candidates for degrees must hold Bachelor's degree from recognized college or university, and have qualifications in special subjects.

Degree requirements: Three years of graduate work, 2 of which must be spent in residence at this college. Thesis showing method and originality.

Departments and staff: Biblical Department: *Professor* and *Assistant;* Rabbinical Department: *Professor;* Historical Department: *Associate Professor;* Cognate Lannate Languages: *Associate Professor;* Egyptology: *Associate Professor, 6 Fellows*, some of whom give instruction when required.

Enrolment for year ending June 30, 1926, 65. Total number of matriculates since foundation, 380.

Degrees conferred year ending June 30, 1926, 4. Total number of degrees conferred since foundation, 20. Ph.D. only degree conferred.

No fees.

Fellowships: 6, yielding $500 annually.

Thirty students earn their way by teaching.

Dates of beginning and ending sessions: First Monday in October to last Friday in May.

University extension: Evening classes twice a week.

Publications: Jewish Quarterly Review. Numerous other publications including research.

Administrative officers: President, Cyrus Adler; Secretary of the Faculty, Max L. Margolis.

DRURY COLLEGE

SPRINGFIELD, MISSOURI

Coeducational college, privately controlled. Founded by the Congregational Church.

Organized in 1873 as Springfield College. Reorganized July 29, 1873, under present name. Named for benefactor. Incorporated August 5, 1873. Opened September 25, 1873.

Self-perpetuating board of 24 trustees.

Financial resources: Productive endowment, $800,000. Endowment (including annuity gifts), $1,074,915. Income from endowment, $60,280. Income from other sources, $42,431. Total annual expenditures year ending May 30, 1926, $107,977. Budget, 1926–1927, $103,500.

Grounds and buildings: Total value of grounds, 40 acres, $300,000. Present worth of 13 buildings, $600,000. Total value of grounds, buildings, and equipment, $1,000,000. Two dormitories for women (134); one for men (70).

Harwood Library (1925): 41,171 volumes.

Laboratories: Pearsons Hall (1901): Biology, Chemistry, Physics, and Geology, value $60,000. Burnham Hall (1909): Home Economics and Psychology, value $75,000. Bradley Geological Field Station at Graydon Springs, Missouri, owned by college.

Edward M. Shepard Museum of Natural History in Pearsons Hall.

Gymnasium (1909), value $40,000. Two athletic fields. Medical examination given all entering students. Physical education required during first two years.

Admission requirements: 15 units, including English 3, Foreign Language 2; Mathematics 2. Eight elective units must be in a specified group of approved subjects. One unit condition allowed. Condition must be removed before Sophomore year.

Degree requirements: 124 semester hours including English 6 hours; Laboratory Science 6, Psychology 3, Bible or Ethics 3, Physical Education 4. Major (24–40 semester hours).

Chapel attendance required. Freshman men whose homes are not in Springfield required to live in dormitory. Women whose homes are not in Springfield required to live in women's dormitories.

Departments and staff: Agriculture: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Bible: 1, 0, 0, 1. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Classics: 1, 1, 0, 0. Education: 2, 0, 0, 0. English: 1, 1, 0, 1. Expression: 0, 0, 0, 1. Geology: 0, 0, 0, 1. History: 1, 1, 0, 1. Home Economics: 0, 0, 1, 0. Mathematics: 1, 0, 0, 1. Modern Languages: 0, 0, 1, 1. Music: 2, 0, 2, 5. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Physical Education: 2, 0, 0, 0. Social Science: 1, 0, 0, 0. Zoology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 574 (excluding duplicates): College, 451; School of the Bible, 200; Conservatory of Music, 266.

Degrees conferred year ending June 30, 1926, 69.

Fees: Tuition, $125 a year; incidental fee, $10; student fee, $15; diploma fee, $5.

Dormitory expenses (including board): Men, $117 to $153 a semester; women, $130 to $165. Total expenses range from $400 to $505 a year. Laboratory fees from $1 to $5 a semester.

Scholarships: 89 awarded 1925–26.

Approximately 50 per cent of students earn way through college.

Dates of beginning and ending sessions: Monday nearest to September 15. Commencement first Wednesday in June.

Publications: College bulletin issued monthly; catalog in February.

Achievements of year ending June 30, 1926: Three new buildings completed; Wallace Hall, dormitory for women; Clara Thompson Hall of Music; and Harwood Library. Cost of the buildings with equipment, $300,000.

Administrative officers: President, Thomas William Nadal; Dean, John Newton Bennett; Dean of Women, Ruth Esther Reed; Registrar, William Athern Daggett.

DUBUQUE, UNIVERSITY OF

See: University of Dubuque.

DUKE UNIVERSITY

DURHAM, NORTH CAROLINA

University. Coeducational. Privately controlled. North Carolina and Western North Carolina Conferences of the Methodist Episcopal Church, South.

Chartered in 1838 in Randolph County, North Carolina, as York Academy. Enlarged in 1840 as Union Institute. 1851 Union Institute incorporated as Normal College under State control. First Bachelor of Arts degrees conferred in 1853. Normal College became Trinity College in 1859, and passed into the hands of the North Carolina Conference of the M. E. Church, South, as owners. In 1892 Trinity College was moved to Durham, North Carolina, and operated under the name of Trinity College until December 30, 1924, when it was merged into Duke University, of which Trinity College remains an integral part.

Board of 36 trustees, 12 elected by North Carolina Conference of the M. E. Church, South, 12 by the Western North Carolina Conference, 12 by graduates of the University. Term of office, 6 years.

Financial resources: For purchase of land and construction of buildings: $19,000,000. Endowment: 32 per cent of dividends of trust fund of $35,000,000. $6,000,000 new endowment by bequest; $3,000,000 old endowment; and 10 per cent of the residuary estate of the late Mr. J. B. Duke, the amount of which is, as yet, undetermined.

Total value of grounds (108½ acres), in-

cluded in present campus of more than 4,000 acres, on which the new unit for men, the medical school and allied graduate schools, will be constructed, $2,735,929.30. Total present worth of buildings, $2,309,407.46. Total value of grounds, buildings and equipment, $5,277,935.38.

Library (1903): 88,161 volumes, including 5,300 government documents; 554 current periodicals.

Laboratories: Crowell Science Hall (1891, 1899, 1901–2), Asbury Physics Hall (1898, 1923). A new science hall under construction.

Physical examination required. Gymnasium (1922–23). Athletic field. Infirmary.

Admission requirements: Graduation from 4-year high school with minimum of 15 units. including English 3, Mathematics 3, Foreign Languages 4, History 1.

Degree requirements: 126 semester hours exclusive of physical education. Seven groups of studies leading to Bachelor of Arts degree: General, Business Administration, Religion, Engineering, Pre-medical, Teaching, Pre-legal.

General requirements: Physical culture required during two years. Chapel required.

Departments and Staff: Biology: *Professors*, 4; *Assistant Professors*, 1; *Instructors*, 1. Chemistry: 3, 2, 0. Economics and Political Science: 2, 2, 3. Education: 3, 1, 0. Engineering: 1, 1, 2. English: 5, 1, 4. German: 3, 0, 1. Greek: 1, 1, 0. History: 3, 1, 3. Latin: 1, 1, 0. Mathematics: 4, 3, 2. Physics: 2, 0, 2. Religion: 9, 0, 0. Romance Languages: 2, 1, 2. Physical Education, Directors of Physical Education: 1; Assistant Directors: 7.

Enrolment for year ending June 30, 1926, 2,308. Total number of matriculates since foundation, 9,105.

Degrees conferred year ending June 30, 1926, 184: A.B., 162; A.M., 22. Total number degrees conferred since foundation, 2,852.

Fees: Matriculation, $15 a semester; tuition, $30 a semester; room rent, $30 a semester; athletic fee, admitting students to all athletic contests held on the university grounds, $5 a semester; hospital fee, $1 annually; Commencement, $3; diploma, $5; laboratory, $1 to $7.50 a course. Annual expenses: Low, $397.50; liberal, $505.

Scholarships: About 100. Student loans in excess of $25,000 annually.

Student employment bureau maintained through which approximately 14 per cent of student body secure work which will defray partial and total expenses.

First term: Wednesday of third week in September to January 31 of following year. Second term: February 1 to early in June.

Summer session: June 11 to July 20, 1927. Second term: July 21 to August 28. 13 departments offered 130 courses. Attendance, 1925, 1,132.

Publications: Catalog in April. President's report in June. University press has issued 23 volumes and Hispanic American Historical Review (quarterly) (1 volume: August–November, 1926), and South Atlantic Quarterly (25 volumes: January, 1902–October, 1926).

Administrative officers: President, William Preston Few; Dean of the College, William Hane Wannamaker; Dean of the Law School, Samuel Fox Mordecai; Dean of the School of Religion, Edmund Davidson Soper; Dean of Women, Alice Mary Baldwin.

EARLHAM COLLEGE

EARLHAM (RICHMOND), INDIANA

College of Liberal Arts and Sciences; coeducational; privately controlled. Affiliated with Society of Friends.

Opened in 1847 as Friends Boarding School. Organized as Earlham College, 1859.

Board of 15 trustees, 6 elected by Indiana Yearly Meeting of Friends, 6 by Western Yearly Meeting, and 3 by Alumni.

Endowment: $1,250,000. Income from endowment, $65,000. Income from tuition, $95,000. Total annual expenditures year ending June 30, 1926, $290,000. Budget, 1926–1927, $286,183.

Grounds and buildings: Total value of grounds, $80,000. Total present worth of buildings, $238,915. Total value of grounds, buildings and equipment: $393,959. One residence hall for men (120); one for women, (190).

Library (1907): 32,000 volumes; 230 current periodicals. Special collections: Quaker material.

Laboratories: Parry Hall (1887).

Observatory.

Health program: Physical examination of all entering students. Two athletic fields. College hospital with nurse and resident physician. Free clinic. Three years physical education required.

Admission requirements: 16 units of which 11 must be chosen from English, Foreign Language, Mathematics, Natural Science, and Social Science. Personal qualifications must be satisfactory.

Degree requirements: For Bachelor's Degree: 120 credit hours and 120 credit points, with concentration of work in one major and three minor subjects. Not less than 4 semester hours of English Composition required. Course in Physiology and Hygiene required.

Daily chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biblical Literature and Church History, 1, 0, 0, 0. Biology: 1, 0, 1, 1. Chemistry: 1, 0, 1, 0. Economics and Sociology: 1, 0, 1, 0. Education: 2, 0, 0, 0. English: 3, 0, 3, 0. Geology: 2, 0, 0, 0. History: 1, 0, 1, 0. Home Economics: 1, 0, 1, 0. Mathematics: 2, 0, 1, 0. Modern Languages: 1, 0, 4, 0. Music: 1, 0, 3, 0. Philosophy: 1, 0, 1, 0. Physical Education: 0, 0, 3, 0. Physics: 1, 0, 0, 0. Political Science: 2, 0, 0, 0. Public Speaking: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 552: Men, 232; women, 320.

Degrees conferred year ending June 30, 1926, 96. Total number of degrees conferred since foundation, 1,869.

Fees: Matriculation, $10; laboratory, $2 to $8. Charge for lodging and board, $300. Annual expenses: Liberal, $700; low, $575.

Scholarships and fellowships: Scholarships of approximately $10,600 value awarded annually. Loans: $1,500 annually.

Employment bureau: 116 students earned $12,681.08.

Dates of beginning and ending sessions: Freshman Week, September 9–14. First semester: September 12 to January 27, 1928. Second semester: January 30 to June 6, 1928.

Publications: Catalog in April. President's report in August.

Achievements of year ending June 30, 1926: Erection of new classroom and administration building, costing $350,000.

Administrative officers: President, David Morton Edwards; Dean, Harry Noble Wright; Registrar, Elmer D. Grant.

ELMIRA COLLEGE

ELMIRA, NEW YORK

College for women, privately endowed and non-sectarian.

Elmira claims to be oldest college for women in America, the first to confer degrees for courses equivalent to those offered in colleges for men. Granted first charter in 1853, and present charter in 1855.

Self-perpetuating board of 21 trustees.

Endowment: $520,763.76. Income from other sources than endowment, $321,837.67.

Grounds and buildings: Campus, 25 acres; 21 buildings, 12 being dormitories. New dormitory under construction ($400,000).

Library (1926): 28,000 volumes; 114 current periodicals.

Carnegie Science Hall (1911): Chemistry, Biology and Botany, Physics and Household Art. Value of equipment in Science Hall: $18,835.

Museums: Gillett Hall contains Natural History Museum.

Observatory: 8½-inch equatorial telescope.

Health program: Entering students required to present certificate concerning physical condition. Resident physician examines all students every year. All students required to take physical training. Infirmary with nurse and assistant always in attendance.

Admission requirements: 15 units, 8½ being prescribed, 6½ elective. In all subjects the student must have obtained an average rating of at least 75 per cent, with a minimum passing mark of 60 per cent for any one subject. No student is accepted with a condition.

Degree requirements: 120 hours with a general average of 70 per cent. Subjects of-

fered are divided into ten groups, and each student is required to take a stated number of hours from each group. The work of the Freshman and Sophomore years is prescribed, opportunity being left for an elective in major subject. There is a 3-hour-one-semester requirement in both Philosophy and Psychology. Bible study required. One laboratory science must be taken during Freshman or Sophomore year. Major of at least 18 hours.

Chapel attendance required.

Departments and Staff: Anatomy, Physiology and Hygiene: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Art and Archæology: 2, 0, 0, 0. Astronomy: 1, 0, 1, 0. Bible: 1, 1, 0, 0. Chemistry and Physics: 1, 0, 1, 1. Economics: 2, 0, 1, 1. Education: 1, 0, 0, 0. English Language and Literature: 2, 3, 2, 2. Geology, Biology, Botany and Zoology: 2, 0, 2, 1. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 0, 1. Home Economics: 1, 0, 0, 2. Italian: 1, 0, 0, 0. Latin: 1, 0, 0, 1. Mathematics: 1, 0, 1, 0. Philosophy and Psychology: 1, 0, 1, 0. Physical Education: 1, 0, 0, 1. Political Science: 1, 0, 0, 0. Sociology: 1, 0, 0, 1. Spanish: 0, 1, 0, 0. Speech Education: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 564.

Degrees conferred year ending June 30, 1926, 109. Total number of degrees conferred since foundation, 1,908.

Fees: Tuition, $300; matriculation, $5; graduation, $10. Annual expenses: High, $1,200; low, $800.

A large number of scholarships.

Employment bureau: About 30 women each year earn their room and board during year. About 50 others earn smaller amounts.

Dates of beginning and ending sessions: First semester: September 21, 1927 to January 28, 1928. Second semester: January 31 to June 12, 1928.

Extension courses for both men and women, generally given in the evening.

Catalog in December.

Administrative officers: President, Frederick Lent; Dean, M. Anstice Harris; Vice-President, Hollister Adelbert Hamilton; Registrar, Carlie Mallett.

ELON COLLEGE

ELON COLLEGE, NORTH CAROLINA

Name for bequests: The Board of Trustees of Elon College, Inc.

Liberal Arts College. Controlled by the Christian Church.

Chartered March 11, 1889. Opened in 1890. Succeeded The Graham Normal College, Graham, North Carolina, founded in 1857, which in turn succeeded Mt. Zion Academy, Hillsboro, North Carolina, founded in 1838, which was itself successor to Wake Forest Pleasant Grove Academy founded in 1826.

Self-perpetuating board of 30 trustees; all must be members of the Christian Church and nominated by the Southern Christian Convention.

Endowment: $531,647.45. Income from endowment, $26,700.08. Income from other sources: Tuition, $38,768.88; gifts, $38,303.74. Total annual expenditures year ending June 30, 1926, $109,325.95. Budget, 1926–27, $129,155. Gifts: P. J. Carlton, Richmond, Virginia, $50,000; B. N. Duke, New York City, $20,000; Southern Christian Convention, Inc., $100,000.

Grounds and buildings: Total value of grounds, $115,364.94. Total present worth of buildings, $875,507.57. Total value of grounds, buildings and equipment, $1,243,137.14.

Library (1923–24), 11,557 volumes; 71 current periodicals. Special collection: Records and history of the Christian Church.

Laboratories (1923–24) cost $87,269.32. Value of equipment: Physics, $6,500; Geology, $4,500; Chemistry, $7,000; Mathematics, $2,800; Biology, $6,200; Domestic Science and Art, $3,600.

Health program: Gymnasium for men, another for women. Athletic field. Infirmary; nurse. Examinations.

Admission requirements: 15 units, including English 3, Mathematics 3, Science 3, History 3, Foreign Language 3. No conditions allowed.

Degree requirements: 120 semester hours; major in one subject and minor in each of three others. One course in History and one in Bible prescribed. For ministerial stu-

dents minor in Greek and Bible required. Thesis or graduation oration required.

Physical education required. Chapel attendance required.

Departments and Staff: Ancient Languages: *Professors* 1; *Associate Professors* 1; *Assistant Professors*, 0; *Instructors*, 0. Biology and Geology: 1, 0, 0, 0. Business Administration: 1, 0, 0, 1. Chemistry and Domestic Art: 1, 0, 1, 0. Education: 1, 0, 0, 0. English: 1, 0, 1, 0. Expression: 1, 0, 0, 1. Fine Arts: 0, 0, 0, 1. History and Social Sciences: 1, 0, 0, 0. Mathematics: 1, 0, 1, 0. Modern Languages: 1, 0, 1, 0. Music: 1, 0, 3, 0. Philosophy and Physical Education: 1, 0, 0, 5. Physics: 1, 0, 0, 0. Religious Education: 2, 1, 1, 0.

Enrolment: 400. (Limited to this number.)

Degrees conferred year ending June 30, 1926: A.B., 33. Total number of degrees conferred since foundation: A.B., 631.

Fees: Tuition, $75 a year; matriculation, $40; graduation, $10; laboratory, $10. Lodging and board, $140 to $240. Annual expenses: Low, $240; liberal, $455.

Scholarships and fellowships: 24 of $75 each.

Dates of beginning and ending sessions: First Wednesday in September; fourth Tuesday in May.

Publications: Catalog in February. President's report in May.

Administrative officers: President, W. A. Harper; Dean of Men, A. L. Hook; Dean of Women, Louise Savage; Registrar, C. M. Cannon. Officer in charge of foreign students, T. E. White.

EMORY AND HENRY COLLEGE

EMORY, VIRGINIA

College for men and women, privately controlled. Affiliated with the Methodist Episcopal Church, South.

Chartered March 25, 1839, by the Commonwealth of Virginia as the result of an action of the Holston Conference at its meeting in Abingdon, Virginia, October 13, 1835. Conference of 1836 adopted the report of its committee and "christened the institution Emory and Henry College in honor of Bishop John Emory and Patrick Henry." Board of trustees organized November 17, 1837; college opened April 2, 1838.

Self-perpetuating board of trustees subject to confirmation by the Holston Annual Conference of the Methodist Episcopal Church, South.

Endowment: $340,000. Annual budget, $85,000.

Grounds and 21 buildings, 4 of which are dormitories, 3 for men and 1 for women, valued at $330,000.

Library: 12,000 volumes; 100 current publications.

Science Hall: Biology and Chemistry; scientific apparatus valued at $24,000.

Observatory: 6-inch refractor.

Health program: New $75,000 gymnasium. Resident physician who is also professor of Biology. Free clinic. Physical examination required.

Admission requirements: 15 units, including English 3, Mathematics 2½, Foreign Language 2, History 1. No condition permitted.

Degree requirements: 195 quarter hours (65 session hours) covering four sessions of 36 weeks each, or the equivalent. 195 quality credits, making an average grade of 80, necessary for graduation (75 per cent is passing mark). Practically 3 years work prescribed. Major, 40 quarter hours, and 30 for minor.

General requirements: Physical education required during 4 years. Daily chapel attendance required; also church service on Sunday.

Departments and Staff: Bible: *Professors*, 1; *Associate Professors*, 0. Biology: 1, 0. Chemistry: 1, 0. Economics: 1, 0. English: 1, 1. Geology and Geography: 1, 0. German and French: 1, 0. History: 1, 0. Latin and Greek: 1, 0. Mathematics: 1, 1. Physics and Astronomy: 1, 0. Psychology and Education: 1, 0. Religious Education: 1, 0. Spanish and French: 1, 0.

Enrolment for year ending June 30, 1926, 329: Men, 271; women, 58.

Degrees conferred year ending June 30, 1926, 38. Total number of degrees conferred since foundation, 1,071.

Fees: Quarterly fees, $55.50. Total an-

nual expense including tuition, room and board, $397.50.

Dates of beginning and ending sessions: Tuesday nearest September 15; Wednesday following second Sunday in June.

Summer session: June 15 to August 30; attendance, 1925, 244.

Achievements of year ending June 30, 1926: Completion of a $350,000 endowment campaign.

Administrative officers: President, James N. Hillman; Dean, H. M. Henry; Registrar, E. R. Naylor.

EMORY UNIVERSITY

ATLANTA, GEORGIA

University, controlled by Methodist Episcopal Church, South.

Emory College, nucleus of the university, founded in 1836 by Georgia Conference of Methodist Episcopal Church. Named in honor of Bishop John Emory, of Maryland. College continually in session at Oxford, Georgia, forty miles northeast of Atlanta, until 1919, when it was removed to Atlanta. In 1914, decision of the Educational Commission of the Methodist Episcopal Church, South, to create two new universities, one east and one west of the Mississippi River, led to making the college the College of Liberal Arts of Emory University. At the same time the Atlanta Medical College, founded in 1854, became the School of Medicine.

University chartered in 1915 and School of Theology founded in same year. In 1916, School of Law organized. The Graduate School, the School of Business Administration, and the Summer School extablished in 1919, on removal of the College to Atlanta. Extension department added in 1921. In 1924 the Wesley Memorial Hospital, which for some time had been connected with the Emory Medical School, was made the property of the university by joint action of the trustees representing the two institutions. In 1925, the Library School, Carnegie Library of Atlanta, established in 1905, was affiliated with the University.

Self-perpetuating board of trustees, whose election is subject to the approval of the General Conference of the Methodist Episcopal Church, South, or of some agency designated by it. This agency at present is the General Board of Education of the Church. 30 trustees are selected from the various conferences in the university's territory, and 3 alumni trustees elected by alumni.

Financial resources: Endowment and other productive funds, $4,366,995. Annual budget, $900,000. A ten-year expansion program for $6,500,000 in additional endowment, and $3,500,000 for new buildings before celebration of centennial of Emory College in 1936, now in progress.

Grounds and buildings: 15 buildings, including the $1,500,000 Wesley Memorial Hospital and a new $400,000 Library building. Grounds, 165 acres, valued at $400,000; 15 buildings: $4,000,000. 12 buildings valued at more than $600,000 on the old college campus at Oxford, are now used by the Emory University Academy.

Library (1925), cost $400,000; 100,000 volumes; 300 current periodicals. School of Law, School of Medicine, and School of Theology have separate libraries in their respective buildings. Special collections: Thursfield Smith Collection of Wesleyana; the Park Collection of books dealing with the war between the States, and the original manuscripts of Joel Chandler Harris.

Laboratories: Separate buildings for Anatomy, Chemistry, Physics. Biology and Physiology in Physiology Building of School of Medicine. Pathology in Wesley Memorial Hospital and Grady Hospital.

Museum: Library building under direction of full-time curator. Egyptian-Babylonian Collection (American Scientific Expedition of 1920); Thursfield Smith Collection of Wesleyana; LaPrade Collection of Georgia birds; Cobb Collection of Indian Relics; various Oriental antiquities contributed by Methodist missionaries in Japan and China.

Health program: Health examinations given all students upon entrance. Athletic field. Extensive program of mass athletics and intra-mural competition but no intercollegiate sports. Infirmary in Wesley Memorial Hospital.

Admission requirements: College of Liberal Arts and School of Business Administration: 15 units from an accredited high school. No conditions allowed. School of Medicine and School of Law: 2 years of acceptable college work. School of Theology: 3 years of college work. Library School on graduate basis.

Degree requirements: 38 majors, a major being a course meeting 5 hours weekly during a quarter (12 weeks), required for Bachelor's degree. Average grade of "C" must be maintained. There are three prescribed courses in English, two in Biblical Literature, and two in Military Science. 12 majors required in a field of concentration, 6 in each of two other groups, and remainder are elective. Minimum residence requirement for Master's degree: 3 quarters. School of Medicine: 4-year course; School of Theology and School of Law: 3 years; Library School: 1 year. College also offers special degrees in Education.

Undergraduates required to attend chapel.

Departments and Staff: Bible and Religious Education: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 2. Biology: 1, 1, 0, 1. Chemistry: 1, 1, 0, 1. Economics: 1, 2, 0, 1. Education: 1, 0, 2, 0. English: 3, 0, 1, 3. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 2, 0, 1, 1. Latin: 1, 0, 0, 0. Mathematics: 2, 0, 0, 0. Military Science: 1, 0, 2, 0. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 2. Psychology: 1, 0, 0, 2. Romance Languages: 3, 0, 0, 3. Sociology: 2, 0, 1, 0. School of Theology: 6, 0, 0, 0. School of Law: 5, 0, 2, 0. School of Medicine: See page 116.

Enrolment, 1925–26: College of Liberal Arts, 580; School of Business Administration, 147; Graduate School, 116; School of Theology, 104; School of Medicine, 199; School of Law, 65; Library School, 6; Summer session, 618; Extension Division, 406; Total (less duplicates), 1,929; Men, 1,499; women, 430. Women are admitted only to Graduate School, School of Law, School of Theology, Summer School, and to Departments of Education and Religious Education in College of Liberal Arts. Total number of matriculates since foundation, 11,500.

Degrees conferred, 1925–26: A.B., 16; Ph.B., 35; S.B., 39; B.B.A., 10; LL.B., 19; B.D., 16; M.A., 24; M.S., 12; M.D., 60; Total, 230. Total number of degrees, all divisions, since founding, 6,370.

Expenses: Matriculation fee, $5; general fee, $10 a quarter; incidental fee, $10 a year. Tuition, College of Liberal Arts, School of Business Administration and Graduate School, $35 a quarter. Tuition, School of Medicine, $180 a year. Tuition, School of Law, $150 a year. Tuition free in School of Theology. Diploma fee, all schools, $10. Annual student expenses: Low, $500; liberal, $800.

Scholarships and fellowships: In Graduate School: 5 fellowships, $500 each. No scholarships in other departments. Loan fund of more than $10,000 yearly.

Employment bureau: Graduates are placed through the Georgia Placement Bureau, a cooperative office supported by colleges and universities of the State. A faculty committee assists students in obtaining part-time employment. Approximately 35 per cent of students earn all or part of expenses.

Dates of beginning and ending sessions: Fall quarter: September 27, 1927; Winter quarter, January 3, 1928. Summer quarter is divided into two sessions, the first beginning June 11, 1928. Attendance, 1926, 643.

Extension department: Afternoon and evening classes are conducted at a downtown center in Atlanta, and in a number of neighboring cities. Correspondence courses.

Publications: Catalog in February, together with individual bulletins of various schools and divisions. Medical School issues quarterly journal.

Achievements of year ending June 30, 1926: In the $10,000,000 Expansion Campaign approximately $1,000,000 was raised during the first eight months. Gifts included $125,000 for a memorial auditorium, $150,000 for a memorial nurses' home, $32,000 additional endowment for the medical library.

Administrative officers: President, Harvey W. Cox; Registrar, J. G. Stipe. Deans: College of Liberal Arts, Goodrich C. White; School of Medicine, Russell H. Oppenheimer; School of Law, Charles J. Hilkey;

School of Theology, Franklin N. Parker; Graduate School, Theodore H. Jack; Dean of Men, Comer M. Woodward; Director of Summer School and Extension, Ralph E. Wager.

EMPORIA COLLEGE OF

See: College of Emporia.

ERSKINE COLLEGE

DUE WEST, SOUTH CAROLINA

College for men and women under control of the Synod of the Associate Reformed Presbyterian Church.

Founded, 1839.

Board of trustees elected by the Synod of the Associate Reformed Presbyterian Church.

Endowment: $307,000. Income from Endowment, $20,968.59. Income from other sources, $53,368.02. Total annual expenditures, year ending June 30, 1926, $78,214.31.

Value of grounds (25 acres), $36,000. Value of buildings, $203,000. Total value of grounds and buildings, $239,000.

Library (1892), 10,000 volumes.

Laboratory equipment worth $10,703.95.

Health examination conducted by college physician. Gymnasium and athletic fields. Infirmary.

Admission requirements: 15 units, including English 3, Mathematics 2½, History 2, Science 1.

Degree requirements: 128 semester hours; at least one half academic hours must be of "merit" grade. For A.B.: Bible 4, English 6, Science 6 (two subjects), Foreign Language 9, Psychology 3, Ethics 2.

Chapel, church and Bible class attendance on the Sabbath required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0. Biology: 1, 0, 0. Chemistry and Physics: 1, 1, 0. Education: 1, 0, 0. English: 1, 0, 1. English Bible: 1, 0, 0. Hebrew: 1, 0, 0. Mathematics and Astronomy: 1, 0, 0. Modern Languages: 1, 0, 0. Political Economy and History: 1, 0, 0. Systematic Theology: 1, 0, 0.

Enrolment for year ending June 30, 1926, 153. Total number of matricuiates since foundation, 3,000.

Degrees conferred June, 1926: A.B., 32. Total number degrees conferred since foundation, 1,000.

Fees: Graduation, $7.50; laboratory, $4 to $10. Lodging and board, $26 a month. Annual expenses: Liberal, $450; low, $375.

Scholarships, 20 from $60 to $100.

About 20 per cent of students earned way through year ending June 30, 1926.

Dates of beginning and ending sessions: September 14, 1927 to May 29, 1928.

Catalog in March.

Administrative officers: President, Reverend R. C. Grier, D.D.; Dean, E. B. Kennedy; Registrar, R. C. Brownlee.

EUREKA COLLEGE

EUREKA, ILLINOIS

Name to be used for bequests: The Trustees of Eureka College.

Liberal Arts College with Department of Religion for training ministers for Disciples of Christ. Privately controlled. Coeducational.

Founded in 1855. Oldest coeducational institution in Illinois.

Self-perpetuating board of 24 trustees.

Endowment: $650,000. Total annual expenditures year ending June 30, 1926, $115,000.

Grounds and buildings: Total value of grounds, 20 acres, and 5 buildings: $350,000.

Library: 18,000 volumes.

Laboratories: Science Building (1917), $70,000. Equipment valued at $2,000.

Health program: Physical examination of all students.

Admission requirements: 15 units.

Degree requirements: For A.B. and B.S.: 128 semester hours, including 4 in physical education, 124 grade points. Major. Minor.

General requirements: Chapel attendance required. Women must live in dormitory.

Departments and Staff: Bible and Religious Education: *Professors*, 2; *Assistants*, 0; Biology: 1, 1. Chemistry: 1, 1. Classics: 2, 0. Economics: 1, 0. English and Rhetoric: 3, 0. History: 1, 0. Home Economics: 1, 1. Philosophy and Education: 1, 0. Physics: 1, 0. Romance Languages: 2, 0.

Enrolment for year ending June 30, 1926: Men, 145; women, 158; total, 303.

Degrees conferred year ending June 30, 1926, 44. Total number degrees conferred since foundation, 700.

Fees: Tuition, $150 a year; graduation, $10. Board, $5.50 a week; room, $2 a week.

Scholarships and fellowships: 60 of $100 each.

About 33⅓ per cent of students earn something toward expenses.

Dates of beginning and ending sessions: September 13, 1927; June 5, 1928.

Catalog in April.

Achievements of year ending June 30, 1926: Campaign to raise $425,000 half subscribed.

Administrative officers: President, Bert Wilson; Dean and Registrar, S. G. Harrod.

FLORIDA STATE COLLEGE FOR WOMEN

TALLAHASSEE, FLORIDA

State College for Women. College of Arts and Sciences; School of Education; School of Home Economics; School of Music.

Founded 1905. Board of Control which governs this college and State University has maintained same standards for admission and for graduation at both institutions.

Board of Control: 5 members, appointed by Governor for term of 4 years. Term of 3 expires at end of one biennium, and 2 at end of next biennium.

Endowment: About $100,000. Income from endowment, about $6,000. Income from other sources, $394,000. Total income, 1926–27, about $400,000, of which $300,000 is appropriated by State.

Five residence halls for women (900). Value of grounds, 300 acres, about $990,000. Value of buildings about $1,750,000. Total of grounds, buildings and equipment about $3,000,000.

Library (1924): 22,500 volumes, government documents not included; 225 current periodicals.

Laboratories: Science Hall: Chemistry, Home Economics. Education Building: Psychology, Industrial Arts, Zoology. Administration Building: Botany, Bacteriology, Physics. Value of equipment: Chemistry, $11,000; Botany and Bacteriology, $7,000; Physics, $7,100; Zoology, $5,600; Psychology, $4,000; Home Economics and Nutrition, $8,000.

Health program: Physical and medical examination of all students. Infirmary. College physician and physical director cooperate with the dean of the college.

Admission requirements: 16 units, including English 3, Mathematics 2, History 1, Science 1, Foreign Language 2. (Candidate for A.B. must present 2 units in Latin.) Only 2 units in vocational work accepted in College of Arts and Sciences, and 4 in School of Education. One condition allowed; must be removed first year.

Degree requirements: 124 semester hours; 124 quality points. 15 hours concentration in one group, and 6 hours from one or both of two other groups. Major 9 year hours; 6 hours in another subject of same group; 6 hours from other two groups. Selection of second concentration subjects and distribution subjects, subject to approval of professor in charge of main concentration subjects.

General requirements: Physical education required. Chapel attendance required.

Departments and Staff: Art: *Professors* 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Bacteriology and Botany: 1, 1, 0, 0. Chemistry: 2, 0, 0, 1. Classics: 1, 0, 1, 1. Commerce: 0, 0, 0, 3. Economics: 1, 0, 0, 0. Education: 4, 0, 2, 2. English: 2, 1, 2, 4. English (Spoken): 0, 1, 0, 3. Geology: 0, 1, 1, 0. History: 2, 1, 0, 2. Home Economics and Nutrition: 2, 0, 2, 3. Industrial Arts: 0, 0, 1, 1. Mathematics: 1, 0, 1, 0. Modern Languages: 1, 1, 1, 4. Music: 1, 0, 2, 11. Philosophy: 1, 0, 0, 0. Physical Education: 0, 0, 1, 3. Physics: 1, 0, 0, 0. Political Science: 1, 0, 0, 0. Psychology: 1, 1, 1, 1. Sociology: 1, 0, 0, 0. Zoology: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 1,397: Arts and Sciences, 590; Home Economics, 141; Education: 577; Music, 86; Graduate, 3. Total number of matriculates since foundation, 11,209.

Degrees conferred year ending June 30, 1926, 133. Total number of degrees conferred since foundation, 897.

Fees: Matriculation, $10; graduation, $5. Other general fees, $26. Laboratory, $1 to $6 a year. Charge for lodging and board, $200 a year.

Scholarships: State of Florida gives 66 county scholarships of $200 each to students in School of Education. 42 other scholarships, $175 to $200 each, given locally throughout the State of Florida.

Research funds: For research in nutrition, $4,400 appropriated by State.

About 8 per cent of students partly earned their way.

Dates of beginning and ending sessions: September 12, 1927 to May 30, 1928.

Summer session: June 14 to August 5. 21 departments offered 124 courses. Attendance, 1926, 539.

University extension: Home demonstration work under general direction of Director of Extension at State University.

Catalog in May.

Achievements of year ending June 30, 1926. Ex-Governor Albert W. Gilchrist bequeathed $10,000, income of which is to be used to assist needy students.

Administrative officers: President, Edward Conradi; Vice-President, Arthur Williams; Dean, College of Arts and Sciences, William G. Dodd; Dean, School of Education, Nathaniel Moss Salley; Dean, School of Home Economics, Margaret Sandels; Dean, School of Music, Ella Scoble Opperman; Dean of the College, Mina Kerr; Registrar, Jessie McNeil.

FLORIDA, UNIVERSITY OF

See: University of Florida.

FORDHAM UNIVERSITY

FORDHAM, NEW YORK CITY, NEW YORK

University for men, except in Law Department and Graduate and Teachers' Colleges, which are coeducational. Privately controlled by the Society of Jesus.

St. John's College, Fordham University, New York City, was founded by Archbishop Hughes on the old Rose Hill Farm at Fordham, and formally opened June 24, 1841. Incorporated April 10, 1846. For first five years college was conducted by the diocesan clergy of New York; but in June, 1846, the property was purchased by the Society of Jesus. Schools of Law and Medicine opened in 1905; Medical School discontinued in 1921. In 1911, School of Pharmacy opened. In 1916, School of Social Service and Graduate School established; later the School of Accountancy and Business Administration. In 1921, first Summer Session. With exception of College of Arts and Sciences, and School of Pharmacy, departments are housed on the twenty-eighth and seventh floors of the Woolworth Building, 233 Broadway, New York City.

Total annual expenditures for year ending, June 30, 1926, $1,420,000. Budget for 1926–27, $1,500,000. Only notable gift for year 1925–26, was about $20,000 for recitation building.

15 buildings on University grounds. These are used for the College Department, School of Pharmacy and recitation and residence halls for these two departments. Residence halls (225). Total value of grounds, 72 acres, $2,413,000. Present worth of 15 buildings: $2,161,625. Total value of grounds and buildings, $4,874,625.

Library (1925–1926): 75,000 volumes, including 10,000 volumes of government documents; 1,000 law books, nucleus of a special law section; 75 current periodicals. Special collections of Greek and Latin Fathers, 350 volumes. Art collection, 300 volumes; North American Indian, 40 volumes; Jesuit relations, 73 volumes.

Science Building (1913–1921), value $450,000; Pharmacy Building (1885–1920), value $250,000. Value of equipment: Physics, $25,000; Chemistry, $80,000; Biology, $12,500; Seismograph, $2,500. The Fordham Seismologic Station. Three seismographs, operated chiefly for research in connection with Jesuit Seismological Association, as well as in cooperation with Division of Seismology of Coast and Geodetic Survey of the U. S. Government.

Gymnasium (1924): $450,000. Medical examination of all Freshmen at entrance. Infirmary. Physical training required.

Admission requirements: Diploma of graduation from a 4-year high school accred-

ited by the New York State Regents, and 15 units. Students are also required to have maintained an average of not less than 75 per cent in last year of high school. Credits offered must include: For A.B., Latin, 3 or 4 units; English, 3 or 4; Algebra, 2 or 1; Plane Geometry, 1; Trigonometry, ½; Modern Language, 2 or 3; History, 1. For B.S., the same as for A.B., omitting Latin. Applicants may be admitted without Trigonometry and Modern Language. They will be required to carry these subjects as extra courses, in addition to the other requirements. For A.B. or B.S., 136 credits. Courses in Freshman and Sophomore years prescribed. Military Science, elective, two courses given, Basic and Advanced, each 2-year courses.

General requirements: All students in the college department who do not reside at home or with immediate relatives or with guardian, are required to live in Residence Halls. Chapel requirements: daily attendance at chapel; for day-students, First Friday Devotions and attendance at annual college retreat.

Departments and Staff: Apologetics: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry: 4, 0, 0, 3. English: 6, 0, 0, 1. Ethics: 2, 0, 0, 0. Greek: 3, 0, 0, 1. History: 3, 0, 0, 1. Latin: 5, 0, 0, 0. Mathematics: 2, 0, 0, 1. Modern Languages: 3, 0, 0, 1. Philosophy: 4, 0, 0, 0. Physics: 2, 0, 0, 3. Pre-Law School: 19, 0, 0, 0. School of Law: 9, 2, 0, 0 (14 lecturers). School of Business Administration: 7, 0, 0, 0. Teachers College: 49, 0, 0, 0. Graduate School: 37, 0, 0, 0. College of Pharmacy: 6, 1, 2, 5; School of Social Service: 13, 0, 0, 0.

Attendance year ending June 30, 1926: College: Men, 1,004; Law: Men, 1,375; women, 95; Pre-Law: Men, 293; women, 13; Pharmacy: Men, 582; Teachers College: Men, 180; women, 720; Graduate School: Men, 150; women, 300; Business Administration: Men, 99; women, 27; Social Service: Men, 19; women, 148.

Total number of degrees conferred for year ending June 30, 1926, 858: LL.D., 4; A.B., 123; B.S., 25; B.S. in Ed., 15; Ph.D., 17; Sc.D., 2; M.A., 42; M.S., 4; M.S. in Ed., 2; LL.B., 374; Ph.G., 245; Phar.D., 2; Ph.C., 3.

Tuition (College): $180 a year. Board, $450; room, $150; matriculation fee, $5; graduation fee, $15; university fee, $25; laboratory fees, $15 to $25.

Scholarships, donated yearly, 27. Funded scholarships, 16.

Chemistry Research Laboratory devoted to research in Physiological and Organic Chemistry, established formally in 1919.

Dates of Sessions: Middle of September to January; from February to middle of June. 19 weeks each semester.

Summer session: 6 weeks, 149 courses offered. Attendance, 1925, 1,012.

University extension: 115 courses, 900 students.

Annual catalog in August.

President, Reverend William J. Duane, S. J.; Vice-President and Dean, St. John's College, Reverend Charles J. Deane, S. J.; Dean of Law School, Ignatius M. Wilkinson; Dean of Pharmacy, Jacob Diner; Dean of Graduate School and Teachers College, Reverend Miles J. O'Malia, S. J.; Dean of Social Service School, Reverend Miles J. O'Malia, S. J.; Registrar, Fordham Law School, Charles P. Davis; Registrar, St. John's College, Thomas A. Reilly; Registrar, College of Pharmacy, Marion J. James.

FRANKLIN COLLEGE OF INDIANA

FRANKLIN, INDIANA

Liberal arts college for men and women. Privately controlled. Affiliated with Baptist denomination.

Founded in 1834 by Indiana Baptist Education Society "to promote intelligence and learning among Baptists of Indiana." Indiana Baptist Manual Labor Institute located at Franklin in 1837. Chartered as Franklin College in 1845. New corporation formed in 1907 taking the name Franklin College of Indiana.

Self-perpetuating board of 24 directors, holding term for 3 years.

Endowment: $750,000. Income from endowment, $44,000. Income from students, $85,000. Gifts, $10,000. Total annual ex-

penditures year ending June 30, 1926, $157,-800. Budget, 1926–1927, $165,000.

Grounds and buildings: Total value of grounds, 20 acres, $105,000. Total present worth of buildings, $275,000. Total value of grounds, buildings and equipment, $465,000.

Library (1904): 30,000 voiumes.

Laboratories: Value of equipment: Biology, $10,000; Chemistry, $5,000; Physics, $8,000; Geology, $8,000.

Health program: Physical examination at entrance. Physical education required for two years. Gymnasium (1908). Infirmary in women's dormitory.

Admission requirements: 16 units for Indiana entrants; 15 for those from outside of Indiana, including English 3, Foreign Language 2 (in one language), History 1, Mathematics 2, Laboratory Science 1. Additional work from subjects named, 2.

Degree requirements: For bachelor's degree: 126 semester hours with 126 credit points (C average). For A.B.: 30 hours in Language, Literature and Art; 20 hours in Mathematics and Science. For B.S.: 20 hours in Language, Literature and Art; 30 hours in Mathematics and Science. For either: 20 hours in mental and social sciences, 10 hours of which must be in one subject. Biblical Literature, 5. Major subject with 25 hours; minor with 10. Daily chapel attendance.

Departments and Staff: Biblical Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1, 1. Chemistry: 1, 0, 0, 0. Classical Languages: 1, 0, 1, 0. Economics and Sociology: 1, 0, 0, 0. Education: 1, 1, 0, 0. English: 1, 1, 1, 1. History: 0, 2, 0, 0. Mathematics: 1, 0, 0, 0. Modern Languages: 1, 0, 1, 1. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 3, 0. Physics: 1, 0, 0, 0. Political Science: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 455: Men, 239; women, 216.

Degrees conferred year ending June 30, 1926, 55. Total number of degrees conferred since foundation, 1,123.

Fees: Tuition, $75 a semester; student council fee, $6.75. Charge for lodging and board, $240. Graduation, $5; laboratory, $5; library, $3. Annual expenses: Liberal, $800; low, $500.

Dates of beginning and ending sessions: September 12, 1927; June 11, 1928.

Summer session: June 7 to August 6, 1926. 6 departments offered 30 courses (1926). Attendance, 1925, 216.

University extension: Enrolment, 1925–26, 138.

Publications: Catalog in March; President's report in June.

Administrative officers: Acting President and Dean, Pleasant Lee Powell; Acting Dean of Women, Elsa Mabel Petersen; Registrar, Eleanor Crawford.

FRANKLIN AND MARSHALL COLLEGE

LANCASTER, PENNSYLVANIA

College for men. Privately controlled. Under general care of the Reformed Church in the United States.

Charter given by Commonwealth of Pennsylvania, March 10, 1787. Franklin and Marshall College was formed by union of Franklin College, established in Lancaster in 1787, and Marshall College of Mercersburg, Pennsylvania, chartered in 1836. The charter of the union as Franklin and Marshall College in Lancaster was given April 19, 1850.

Franklin College was established to minister especially to the educational needs of the German population of the State. It was "named after his Excellency, the President of the State, her most distinguished citizen, and one of its projectors and liberal patrons, Benjamin Franklin, who was present at the laying of the corner stone." Marshall College was an institution of the Reformed Church in the United States, named "in testimony of respect for the exalted character, great worth, and high mental attainments of the late John Marshall, Chief Justice of the United States." The scope of each was enlarged by the union into Franklin and Marshall College. Two literary societies have had a continuous existence since 1836, and have erected and occupy their own halls.

Organization: Board of 30 trustees elected

by the Synods of the Reformed Church in the United States, the Alumni, and the board itself.

Financial resources: Endowment, $880,000. Income from student fees, $135,000. Annual budget, $200,000.

Grounds and buildings: 17 buildings with 58 acre campus valued at $1,500,000.

Library (1897): 50,000 volumes; 102 periodicals.

Laboratories: Science Building (1901): Chemistry, Biology, and Physics.

Observatory (1884): 11-inch Clark Repsold Equatorial.

Health program: Gymnasium. Athletic field. Physical training required in Freshmen and Sophomore years.

Admission requirements: 4-year high school course, offering 15 prescribed units, including, for A.B., Latin or Greek.

Degree requirements: For A.B., S.B., S.B. in Economics: 4-year course with minimum of 120 semester hours. Major and 3 minors from specified groups. Latin or Greek required for classical course. English, two Foreign Languages, Mathematics, Economics, Psychology, Bible, Ethics and one Science course required of all students.

General requirements: Daily chapel attendance and at church of choice Sunday morning.

Departments and Staff: Ancient Languages: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Business Administration: 1, 0, 1, 1. Chemistry: 1, 1, 0, 0. Economics: 1, 0, 1, 1. Education: 1, 0, 0, 0. English: 2, 1, 0, 1. History: 1, 0, 0, 1. Mathematics: 1, 1, 0, 0. Modern Languages: 3, 0, 0, 2. Philosophy: 1, 0, 0, 0. Physics and Electricity: 1, 1, 0, 0. Politics: 1, 0, 1, 0. Psychology: 1, 0, 0, 0. Religion: 0, 0, 0, 1. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 656.

Degrees conferred, June, 1926, 108: A.M., 10; M.S., 1; A.B., 32; B.S., 34; B.S. in Economics, 31.

Fees: Annual college fee, $250; registration, $5; graduation, $10; laboratory fees. Approximate cost of board and room, $350 a year. Annual expenses about $650.

Employment bureau under direction of a professor. Including summer employment. about one half of students earn their way, wholly or in part.

Dates of beginning and ending sessions: First semester, third Thursday in September to last week in January. Second semester ends with Commencement, second Monday in June.

Publications: Catalog, Annual Reports.

Achievements of year ending June 30, 1926: 5 new buildings erected at cost of $650,000: auditorium, gymnasium, two dormitories, and central heating plant.

Administrative officers: President, Henry Harbaugh Apple; Dean, Howard Rufus Omwake; Secretary, Robert J. Pilgram.

THE FURMAN UNIVERSITY

GREENVILLE, SOUTH CAROLINA

Baptist College for men with law department.

Founded at Edgefield, South Carolina, in 1826. Two years later moved to Sumter County; eight years later to Fairfield County; and in 1851 to Greenville. An academy and theological institution until removed to Greenville, when it was chartered as a university. Purpose of founders was to provide graduate work in Theology, Law, and Medicine. Department of Theology was made a separate institution in 1859. Department of Law established in 1921.

Board of 25 trustees, 5 of whom are elected annually by Baptist State Convention.

Endowment: $600,000 plus 5 per cent of income from Duke Foundation, established in 1924. Income about $110,000. Only additional income is from students' fees. Total expenditure for fiscal year, $250,000.

Campus, 50 acres. Five residence halls for men (400). Estimated value of grounds, buildings and equipment, $1,250,000.

Library (1906): 30,000 volumes, including 5,000 government documents.

Laboratory building (1912) and equipment worth about $100,000.

Students examined at beginning af each session. Infirmary. Resident physician and trained nurse. Gymnasium (worth $100,000). Two athletic fields.

Admission requirements: 15 units, including English 3, Mathematics 3, History 2, one Foreign Language 2, Science 1. No conditions allowed.

Degree requirements: 122 semester hours; minimum of 180 quality credits.

General requirements: Physical education required for 3 years. Daily chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 1, 0. Chemistry: 2, 0, 0, 0. Christianity: 2, 0, 0, 0. Commerce: 2, 0, 0, 0. Education: 2, 0, 0, 0. English: 2, 0, 1, 1. History: 2, 0, 1, 0. Mathematics: 1, 1, 0, 1. Modern Languages: 1, 1, 1, 0. Philosophy: 2, 0, 0, 0. Physical Education: 1, 0, 0, 0. Physics: 1, 0, 1, 1. Public Speaking: 1, 0, 0, 0. Social Science: 1, 0, 0, 0. Law: 1, 1, 1, 0.

Enrolment for year ending June 30, 1926, 571.

Degrees conferred June, 1926, 85: A.B., 44; B.S., 37; Law, 4.

Total amount college fees, $130. Laboratory fees, $5 to $15.

Employment bureau: Total earnings during 1925–26 averaged about $2,500 a month. Nearly 100 students were engaged in gainful pursuits during the college year.

Session begins September 14, 1927; closes June 1, 1928.

Summer session began June 8, 1926, and closed July 16. Attendance, 1926, 574.

Evening classes in Law and Accounting, and correspondence courses in History.

Catalog in February.

Administrative officers: President, William Joseph McGlothlin; Dean of the College, R. N. Daniel; Dean of Law School, J. Wilbur Hicks; Deans of Freshmen, D. J. Blocker and H. H. Clark; Registrar, E. E. Gardner.

GENEVA COLLEGE

BEAVER FALLS, PENNSYLVANIA

Coeducational. College of Arts and Sciences. Under control of Reformed Presbyterian Church.

Founded in 1848. First located in Northwood, Logan County, Ohio; moved to Beaver Falls in 1880. Ground now occupied donated by Economite Society.

Board of 21 trustees; 3 elected by Alumni, 3 by Community, the remainder, of which 3 are women, by the Synod of the Reformed Presbyterian Church. Controlled by Board of Corporators, elected by church.

Endowment, $649,000. Income from endowment, $163,074.39. Total expenditures, $211,780.31. Budget, 1926–27, $195,286.66. ($222,240 added to endowment during 1925–26.)

Grounds and buildings: Men's hall (30); women's hall (80). Value of grounds, 23 acres, $191,000; buildings, $700,000; equipment, $37,525.

Library: 14,000 volumes, including 2,000 government documents; 52 current periodicals.

Laboratories: Science Hall (1900). Present worth, $75,000. Equipment: Physics, $6,000; Chemistry, $5,800; Biology, $5,000; Engineering, $3,000.

Health certificate required of students. Gymnasium (1910), worth about $50,000. Stadium (1925), worth about $100,000.

Admission requirements: 15 units, including English 3, Foreign Language at least 2, Mathematics 2, History 1, Science 1. Students may be admitted conditionally with 14 units.

Degree requirements: 120 semester hours; 200 credit points. Major (24 semester hours); related minor (18). Prescribed: English 1 year, Bible 2, History 1, Political Science 1, Science 2, Public Speaking ½.

General requirements: 2 years of physical education required. Chapel attendance required.

Departments and Staff: Bible: *Professors*, 1; *Assistant*, 0. Biology: 1, 1. Chemistry: 1, 1. Economics: 1, 1. Education: 1, 1. Engineering: 1, 0. English: 2, 1. Greek: 1, 0. History: 1, 1. Latin: 1, 0. Mathematics: 1, 1. Philosophy: 1, 0. Physics: 1, 0. Political Science: 1, 0. Psychology: 1, 1. Public Speaking: 1, 0. Romance Languages: 2, 1.

Enrolment for year ending June 30, 1926, 448: Men, 255; women, 193.

Degrees conferred year ending June 30,

1926, 70. Total number of degrees conferred since foundation, 1,060.

Fees: Annual fee, $55.50; room, $7 to $11 a month; board, $110 a semester; graduation, $7; laboratory, $3 to $8. Annual expenses: Liberal, $750; low, $450.

Scholarships: 50; $50 each.

Dates of beginning and ending sessions: September 13, 1927; June 5, 1928.

Summer session: June 15–August 15. Attendance, 1925, 334.

University extension: 65 classes in 13 different places. Attended by 700 persons.

Publications: Catalog in March. President's report in May.

Achievements of year ending June 30, 1926: Gifts amounting to $222,000. Economics Department organized into School of Commerce and Finance, with degree at end of 4 years. New Chair of Christian Education.

Administrative officers: President, Reverend M. M. Pearce; Dean of the College, C. M. Lee; Dean of Women, M. Gyla MacDowell; Registrar, Lulu J. McKinney.

GEORGETOWN COLLEGE

GEORGETOWN, KENTUCKY

Name for bequests: The Trustees of the Kentucky Baptist Education Society.

Coeducational college, controlled by Kentucky Baptist Education Society.

Chartered in 1829. A classical school opened in Georgetown in 1788 by Elijah Craig, pioneer Baptist preacher of Kentucky, was absorbed by Rittenhouse Academy. Chartered in 1789 and operated until 1829. In 1892 women were admitted.

Board of 24 trustees elected by Baptist Education Society of Kentucky, on nominations made by the Kentucky Baptist Education Society.

Endowment, $690,000. Income from students, $49,000. Gifts, $21,000. Miscellaneous, $2,000. Total annual expenditures year ending June 30, 1926, $140,800. In campaign for $1,000,000, $100,000 collected in autumn, 1926.

Grounds and buildings: 9 residence halls (300). Total value of grounds, 26 acres, $90,000. Total value of buildings, $350,000. Total value of grounds, buildings and equipment, $500,000.

Library (1894), 25,000 volumes; 40 current periodicals.

Laboratories: Value of equipment in Chemistry, Physics, Biology, Home Economics, $20,000.

Health program: Gymnasium (1926), $100,000. Medical inspection of each student. Athletic field.

Admission requirements: 15 units, including English 3, Algebra 1, Plane Geometry 1. No conditions allowed.

Degree requirements: For A.B.: 124 semester hours, including 6 in physical education; 124 quality credits (an average grade of C in all courses). First 2 years prescribed. Major of 24 semester hours; a minor of 12 hours in another department.

Daily chapel attendance required.

Departments and Staff: Bible and Philosophy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 1, 1. Economics: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 1, 0, 1, 1. Expression: 0, 0, 0, 1. Greek and Latin: 1, 0, 1, 0. History and Political Science: 1, 0, 0, 1. Home Economics: 0, 0, 1, 0. Mathematics: 1, 0, 0, 1. Modern Languages: 1, 0, 1, 1. Music: 1, 0, 0, 3. Physical Education: 1, 0, 0, 3. Physics: 1, 0, 0, 1. Public Speaking: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 534: Men, 265; women, 269. Total number of graduates and ex-students from 1841 to 1926, 6,500. Records previous to 1841 lost.

Degrees conferred year ending June 30, 1926: A.B., 67. Total number of degrees conferred since foundation, 1,450.

Fees: Registration fee, $25 a year; tuition, $135 a year; graduation fee, $10; laboratory fees, $5 to $7.50 a semester. Board and lodging approximately $150 a semester.

Scholarships, 60; $50 each.

Employment bureau: Approximately 50 per cent of the students earned all or a part of their way through college during the past year.

Dates of beginning and ending sessions: September 21, 1926; June 8, 1927.

Summer session: June 15–August 14. 10

departments offered 30 courses. Attendance 1925, 131: Men, 54; women, 77.

Catalog in April.

Administrative officers: President, Maldon Browning Adams; Dean of Seniors, William Bristow Jones; Dean of Juniors, Arthur V. Bishop; Dean of Sophomores, Robert Taylor Hinton; Dean of Freshmen, Arthur Gwynn Griffin; Registrar, James Moreland.

GEORGETOWN UNIVERSITY

WASHINGTON, D. C.

Name for bequests: The President and Directors of Georgetown College.

University for men under control of the Fathers of the Society of Jesus.

Founded 1789. Power to grant degrees conferred by Act of Congress, March 1, 1815. Formal incorporation of the University by Congress in 1844. School of Medicine opened 1851; School of Law opened in 1870; Hospital in 1898; School of Dentistry, 1901; Training School for Nurses, 1903; Seismic Station founded, 1909; School of Foreign Service opened February, 1919.

The President and Board of Directors are members of the Society of Jesus.

Amount of endowment, $2,981,859. Income from endowment, $178,912. Income from tuition and fees of University Departments and income from hospital, $1,046,631. Total annual expenditures, year ending June 30, 1926, $695,841.

Grounds and buildings: College property in Georgetown consists of 78 acres, 11 buildings and the hospital. There are 3 downtown buildings. Total value of grounds, $1,500,000. Total present worth of buildings, $6,346,337. Total value of grounds, buildings, and equipment, $8,424,187.

Riggs Memorial Library (1890), 224,000 volumes; 50,000 papers and manuscripts; 15,000 government documents; 200 current periodicals. Special collections: John Gilmary Shea Collection of Americana and Indian languages; Morgan Colonial History; the Sherman, Decatur, Gonzaga Papers, etc. Professional schools and hospital have departmental libraries.

Laboratories: Biological Laboratory. Chemical laboratories in Healy building and Physics Laboratory in Maguire Hall. Students of Medical and Dental Schools use hospital laboratories as well as laboratories of the respective schools. Equipment of laboratories valued at $527,850.

Coleman Natural History Museum. Morgan Memorial Colonial Endowment and the University Archives, containing many colonial and liturgical articles and rare examples of ecclesiastical vestments.

Observatories: Astronomical Observatory consists of 4 buildings. Instruments, accessory equipment and library of 5,000 volumes are valued at $26,000. Seismic Observatory in a specially constructed cave beneath the college quadrangle. University also has a seismic station housed in Agricultural Building in Guatamala City, Guatemala.

Health program: Ryan Gymnasium. Athletic fields. Infirmary with a full time nurse. All serious cases are referred to University Hospital.

Admission requirements: 15 units, including English 3, Foreign Language 2, History 1, Algebra 1, Plane Geometry 1, Science 1. For A.B., Latin 3. Trigonometry, if not taken in high school, must be taken by all candidates for a degree, without college credit. No students admitted on condition. School of Medicine and School of Law require 2 years of college work for admission; Dental School requires one year of predental work in college.

Degree requirements: For A.B., S.B., Ph.B.: 128 semester hours, courses largely prescribed. In Junior and Senior classes student allowed free choice of 18 semester hours. B.S. in Medicine conferred on students who have completed 2 years pre-Medical course of college and Sophomore class of the School of Medicine. In professional schools work is practically all prescribed. The degrees of LL.B., LL.M., M.D., D.D.S., B.F.S., and M.F.S. conferred.

Departments and Staff: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 2, 1, 3. English: 2, 1, 1, 2. Greek: 1, 2, 0, 1. History, Political and Social Sciences: 2, 1, 1, 2. Latin: 1, 2, 0, 1. Mathematics: 1, 0, 1, 2.

Military Science: 1, 0, 2, 2. Modern Languages: 1, 0, 2, 1. Philosophy: 2, 2, 2, 0. Physics: 2, 1, 0, 1. Religion: 4, 2, 0, 0. School of Medicine: See page 115. School of Dentistry: 13, 4, 0, 14. School of Law: 24, 0, 4, 0. School of Foreign Service: *Lecturers*, 47; *Assistants*, 16.

Enrolment, 1926–1927: College of Arts and Sciences, 873; School of Medicine, 344; School of Law, 489; School of Dentistry, 128; School of Foreign Service, 440.

Degrees conferred June 9, 1926: A.B., 50; B.S., 31; LL.B., 195; M.D., 43; D.D.S., 18; B.F.S., 38; Graduate degrees, 44.

Fees: Tuition, College of Arts and Sciences, $200. General total expense for board, room, tuition, etc., in college dormitories, $850. Matriculation fee, $10; annual registration fee, $5. Tuition, School of Medicine, $280. School of Law, morning, $180; afternoon, $140. School of Dentistry, $200. School of Foreign Service, $200.

Scholarships: Fund of $44,576, income from which is devoted to scholarships.

School Year: September 15, 1927; Commencement, June 10, 1928.

Publications: General Catalog of the University and bulletins of the several departments.

Achievements of year ending June 30, 1926: Completion of new North Hall, a dormitory for the College of Arts and Sciences, and remodeling of Old North Hall, built in 1795, at a total cost of $500,000. Opening of dormitories for School of Foreign Service. Remodeling of Medical School Building.

Bibliographical References: History of Georgetown College, by John Gilmary Shea; College Days at Georgetown by J. Fairfax McLoughlin.

Administrative officers: President, Reverend Charles W. Lyons, S. J.; Dean, College of Arts and Sciences: Reverend Robert A. Parsons, S. J.; Registrar: Walter J. O'Connor; Regent, School of Medicine, Reverend Joseph S. Didusch, S. J.; Dean, School of Medicine, George M. Kober; Registrar, School of Medicine, Harry Merritt; Dean, School of Law, George E. Hamilton; Registrar, School of Law, Thomas J. Hurney; Regent, School of Dentistry, Reverend Joseph S. Didusch, S. J.; Dean, School of Dentistry, William N. Cogan; Regent, School of Foreign Service, Reverend Edmund A. Walsh, S. J.; Dean, School of Foreign Service, William F. Notz; Directress, University Hospital Training School for Nurses, Sister Donata, O. S. F.

THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, D. C.

University; coeducational. Privately controlled. Non-sectarian.

Chartered as Columbian College by Act of Congress approved February 9, 1821. By Act of Congress approved March 3, 1873, name was changed to Columbian University, and by Act of Congress approved January 23, 1904, changed to George Washington University. College of Arts still bears name of Columbian College. Medical School opened 1825. A Law School organized in 1826 was discontinued. Present Law School opened in 1865. Graduate School established in 1893. Technical and Engineering courses established in 1884, now under College of Engineering. Present Teachers College was started as the Division of Education in 1907.

Self-perpetuating board of 27 trustees. Each year 2 alumni are elected to the board.

University comprises: Arts and Sciences: School of Graduate Studies, Columbian College, College of Engineering, Teachers College. Medicine and Pharmacy: Medical School, School of Pharmacy, Nurses School. Law. Summer School: Arts and Sciences; Law.

Endowment: $900,868.73. Income from endowment, $34,438.01. Income from students fees: $611,725.13. Income from hospital, $143,965.27. Other income, $77,532.79. Total annual expenditures, year ending August 31, 1926, $828,422.56. Budget, 1926–1927, $903,509.

Total value of grounds, buildings and equipment, $1,923,693.21.

Library: 65,000 volumes. Separate libraries in Arts and Sciences, Medicine and Law. Heinzel Collection of 7,200 books and pamphlets in Germanic Philology and Liter-

ature; Wachsmuth Collection, 7,900 books and pamphlets in Greek and Roman Literature, Archæology and History; the Mount Vernon Collection of 4,000 volumes in Political Science, International Law, and the Social Sciences; American Institute of Architects Collection, 1,063 volumes.

Laboratories: Chemistry in Corcoran Hall, and newly equipped laboratories in Medical School Building.

Health program: Medical examination of all Freshmen in Arts and Sciences. Gymnasium, present worth, $58,331.44.

Admission requirements: 15 units for Columbian College and Teachers College, including English 3, Foreign Language 2, Algebra 1, Plane Geometry 1. For Engineering: English 3, Foreign Language 2, Mathematics 4, Physics 1, Chemistry 1, History 1. Admission is by certificate or examination. Not more than two conditions permitted; these must be removed by the end of the Sophomore year. For admission to Law School 2 years of college work (60 semester hours). An entrance condition of 6 semester hours is permitted, but such condition must be removed before beginning of second year.

For admission to Medical School 2 years of college work (60 semester hours). No entrance condition permitted. Subjects required are those prescribed by Council on Medical Education of American Medical Association. It should be added that candidates who have only the minimum of 60 semester hours are rarely admitted to Medical School.

Degree requirements: For Bachelor's degree: In Columbian College, 120 semester hours; in Teachers College, 126 semester hours; in the College of Engineering, 140 semester hours. Two-thirds of the work counted for a degree must be of the grade "C" or higher. In Columbian College and in Teachers College, major of 24 semester hours in one department. For Master's degree, 30 semester hours, which include a thesis counting 6 hours. The degree of Doctor of Philosophy is conferred only for broad and thorough scholarship, and for marked ability in original research. Not less than 3 years study and research subsequent to the Bachelor's degree are required. For the degree of LL.B., 80 semester hours. For degree of M.D. a student must complete the required 4-year curriculum.

Departments and Staff: Architecture: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 1; *Lecturers*, 0; *Instructors*, 3. Art and Archæology: 1, 0, 0, 2, 0. Astro-Physics: 0, 0, 0, 1, 0. Bacteriology: 1, 0, 0, 0, 0. Botany: 1, 0, 0, 0, 1. Chemistry: 4, 0, 1, 4, 5. Civil Engineering: 3, 0, 0, 1, 0. Classics: 1, 0, 0, 0, 0. Commerce: 2, 0, 0, 0, 1. Economics and Sociology: 1, 1, 0, 2, 1. Education: 1, 0, 2, 3, 0. Electrical Engineering: 1, 1, 0, 1, 1. English: 2, 1, 0, 0, 6. Ethnology: 1, 0, 0, 0, 0. Geology: 1, 0, 1, 0, 0. German: 1, 0, 0, 0, 2. History: 3, 1, 1, 0, 1. Home Economics: 1, 0, 0, 1, 0. Library Science: 1, 0, 0, 0, 1. Mathematics: 2, 1, 1, 0, 2. Mechanical Drawing: 0, 1, 1, 0, 0. Mechanical Engineering: 0, 1, 0, 0, 1. Meteorology: 1, 0, 0, 0, 0. Philosophy: 1, 0, 0, 0, 0. Physical Education: 0, 0, 0, 0, 2. Political Science: 1, 1, 0, 3, 3. Preventive Medicine: 1, 0, 0, 0, 0. Psychology: 0, 1, 0, 2, 1. Public Speaking: 0, 0, 1, 0, 0. Romance Languages: 2, 0, 4, 0, 5. Semitics: 1, 0, 0, 0, 0. Zoology: 1, 0, 0, 0, 3. School of Medicine: See page 115. School of Law: 13, 2, 0, 5, 0.

Enrolment for year ending June 30, 1926, 5,737: Men, 3,367; women, 2,370. (Arts and Sciences, School of Graduate Studies, Columbian College, College of Engineering, Teachers College, Medical School, Law School, Pharmacy.) Since its opening in 1822 the University has had about 45,000 matriculates.

Degrees conferred year ending June 30, 1926, 595: A.B., 244; B.S. in Medicine, 2; B.S. in Phar., 1; B.S. in Arch., 2; B.S. in C.E., 7; B.S. in E.E., 6; B.S. in M.E., 8; B.S. in Chemistry, 5; B.S. in Ch. Eng., 4; B.S. in Phys., 1; A.M., 54; M.S., 28; Ph.D., 9; M.D., 47; LL.B., 154; L.L.M., 22; M.P.L., 1. Degrees were first conferred in 1824; 13,055 degrees have been conferred upon 10,596 persons.

Fees: University fee of $8 entitles students to certain hospital and medical benefits, to the university paper, to admittance to certain games, and to other special privileges. In Arts and Sciences: Tuition, $210 a year;

annual registration fee, $2. Extra fees in laboratories, $5 to $30. In Medical School: Tuition fee, $296; $10 material fee and $10 breakage deposit. In Law School: Students in morning course (3 years) are charged $200 a year. Students in part-time afternoon course (4 years) are charged $150 a year. Room and board from $40 a month up. Total annual expenses, including university charges, books, board and room for nine months, range from $750 up.

Scholarships and fellowships: 48 scholarships with stipends varying from $40 to $900 a year. Teaching fellowship in History, $1,000 a year. Three teaching fellowships in Chemistry, $600 each.

Cooper Research Fund: Principal, $10,000. Income devoted to investigations of nature, causation, prevention and cure of malarial, infectious and contagious diseases.

Employment bureau: It finds part-time employment for students and assists graduates in finding positions as teachers. Approximately 70 per cent of the students self-supporting.

Dates of beginning and ending sessions: Last week in September; second Wednesday in June.

Summer session: Arts and Sciences Summer School from June 13 to August 13, 1928. In 1926, 1,176 students in 107 courses in 25 departments. Law School has two summer courses, each 6 weeks in length. Attendance in 1926, 329. In Medical School, a course for laboratory technicians. In 1926, 33 students.

University extension: Classes are held from nine o'clock in the morning until seven o'clock in the evening, making it possible for employed students to take courses identical with those offered full-time students.

University Bulletin, quarterly, includes catalog (June). President's report and Treasurer's report.

Administrative officers: President, Cloyd Heck Marvin; Dean of the University, Howard Lincoln Hodgkins; Dean of Women, Anna Lorette Rose; Registrar, Linda Jane Kincannon; Dean of Graduate Studies, George Neely Henning; Dean of Columbian College, William Allen Wilbur; Dean of College of Engineering, John Raymond Lapham; Dean of Teachers College, William Carl Ruediger. Department of Medicine and Pharmacy: Dean of Medical School, William Cline Borden; Dean of College of Pharmacy, Louis Bradley; Dean of Law School, William Cabell Van Vleck.

GEORGIA SCHOOL OF TECHNOLOGY

ATLANTA, GEORGIA

A technological college for men owned and supported by the State of Georgia.

Founded in 1888 as the Technical College of Georgia.

A branch of the University of Georgia with separate faculty and board of trustees. Three trustees are appointed annually by the Chairman of the Board of Trustees of the University of Georgia; the Governor and State Superintendent of Schools are ex officio members.

Endowment: $200,000. Income from endowment, $10,000. Income from State, City and County, $250,000. Income from tuition, $225,000. Total annual expenditure, 1925–26, $650,428.59.

Grounds and buildings: 3 dormitories (400). Total value of grounds, 28 acres, $363,572. Total value of 30 buildings, $1,685,500. Total value of grounds, building and equipment, $3,087,743.

Carnegie Library (1906): 21,000 volumes; 125 periodicals. Special collections: 16th and 17th century.

Laboratories: Separate buildings for Chemistry, Physics, Ceramics, Textile and Highway Laboratories. Electrical and Experimental Laboratories housed in Electrical Building; Architectural Drafting rooms in Physics Building. Scientific apparatus valued at $543,500.

Health program: Stadium and athletic field, $330,000. Whitehead Memorial Hospital; two full-time nurses.

Admission requirements: 15 units, including English 3, Mathematics 4½, Modern Language 2, and 1 each of Physics and History.

Degree requirements: 160 semester hours. On at least 40 per cent of his work the student must receive a grade of 70 per cent or

more (passing grade 60 per cent). Curricula largely prescribed.

General requirements: 2 years of Military Science required. Freshmen are required to attend chapel. Residence in dormitories required of Freshmen.

Departments and Staff: Architecture: *Professors*, 2; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 1. Biology: 0, 1, 0, 0. Ceramics: 1, 0, 1, 0. Chemistry: 2, 1, 1, 7. Civil Engineering: 1, 1, 1, 1. Commerce: 1, 2, 5, 6. Co-operative: 1, 0, 1, 0. Electrical: 3, 3, 0, 3. English: 1, 2, 1, 6. Experimental: 1, 2, 0, 3. Geology and Metallurgy: 1, 0, 0, 0. Highway Engineering: 1, 0, 1, 0. Industrial Education: 1, 0, 1, 0. Machine Design: 1, 1, 4, 2. Mathematics: 2, 3, 2, 5. Mechanical Engineering: 2, 1, 0, 7. Military Science: 1, 5, 5, 0. Modern Languages: 1, 1, 1, 4. Physics: 1, 3, 3, 0. Textile: 1, 1, 0, 3.

Enrolment for year ending June 30, 1926, 2,684. Total number of matriculates since foundation, 31,142.

Degrees conferred year ending June 30, 1926, 305. Total number of degrees conferred since foundation, 2,524.

Fees: Tuition, $100 a year when parents are legal residents of Georgia; otherwise $175. Student activity fee, $8.75 a term.

Loans to students approximate $20,000 a year.

Cooperative course enables many students to earn a large part of living expenses.

Dates of beginning and ending sessions: First term: September 21, 1927; February 9, 1928. Second term: February 9, 1928; June 11, 1928.

Summer session: July 23 to September 13, 1928. Attendance, 1925, 458.

University extension: Evening School of Applied Science and Evening School of Commerce: 733 students were enrolled in 1925–26.

Catalog in April.

Achievements of year ending June 30, 1926: N. E. Harris dormitory completed in August, 1926 ($125,000).

Administrative officers: President, M. L. Brittain; Dean, W. V. Skiles; Registrar, H. H. Caldwell.

GEORGIA STATE COLLEGE FOR WOMEN

MILLEDGEVILLE, GEORGIA

State College for Women. College of Arts and Sciences, Teachers' College, Summer School, Extension Division.

Created by act of Legislature in 1889. Opened in 1890. First State supported college for women in Georgia. First named Georgia Normal and Industrial College. Name changed to Georgia State College for Women in July, 1922.

Board of 8 directors; 7 appointed by Governor; State Superintendent of Education ex officio.

Income from State, $135,000. Total annual expenditures year ending June 30, 1926, $135,000. Budget, 1926–1927, $135,000.

Grounds and buildings: Total value of grounds, 53 acres, $110,000. Total present worth of buildings, $923,000. Total value of grounds, buildings, and equipment, $1,143,500.

Library: 17,000 volumes, including 2,000 government documents; 135 current periodicals.

Laboratories: Parks Hall (1912): Science Building, valued at $75,000; equipment, $11,000. Chappell Hall (1907): Home Economics Building, valued at $70,000; equipment $7,500.

Regular health examinations; clinics every morning; several trained nurses; several infirmaries; small hospital. Courses in Health, Hygiene and Physical Education required.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Science or Language 2. No conditions allowed.

Degree requirements: 132 semester hours distributed over 5 groups. Major, 18–24 semester hours, and 1 or 2 minors, 12 hours. Thesis required.

General requirements: Chapel required. Residence in dormitory required of all except local students.

Departments and Staff: Agriculture and Biology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 1. Art: 1, 0, 0, 3. Chemistry: 1, 0, 1, 1. Commerce: 1, 0, 1, 0. Education: 4, 0, 1, 6.

English: 1, 4, 0, 1. Geography: 1, 0, 0, 0. Health: 1, 0, 1, 1. History: 1, 0, 0, 1. Household Art: 1, 0, 0, 3. Household Science: 1, 0, 2, 2. Language: 1, 1, 0, 0. Librarian: 0, 0, 1, 0. Mathematics: 1, 0, 0, 0. Music: 1, 0, 2, 4. Physical Education: 1, 0, 0, 1. Physics: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 1,046. Total number of matriculates since foundation, 20,000.

Degrees conferred year ending June 30, 1926, 63. Total number of degrees conferred 1921–1926, 175. Total number of 2-year collegiate-normal graduates since foundation, 4,144.

Fees and other expenses: Matriculation, $10; graduation, $5. Other general fees, $7.50. Lodging and board, $17.50 a month. Annual expenses: High, $300; low, $227.

Scholarships and fellowships: 116 of $100 to $450 each.

Dates of beginning and ending sessions: September 14, 1927; June 4, 1928.

Summer session: June 12 to July 21, 1928. In 1925 16 departments offered 62 courses. Attendance, 932.

University Extension in affiliation with State Department of Education.

Publications: Bulletins; catalog annually.

Achievements of year ending June 30, 1926: Completion of auditorium, 3 classroom buildings, central heating plant.

Administrative officers: Acting President and Dean of College of Arts and Sciences, J. M. Beeson; Dean of Teachers' College and Registrar, Edwin H. Scott.

GEORGIA, UNIVERSITY OF

See: University of Georgia.

GEORGIAN COURT COLLEGE

LAKEWOOD, NEW JERSEY

College for women, privately controlled, affiliated with the Roman Catholic Church.

Chartered March, 1908, at Mt. St. Mary's, Plainfield, N. J., by State of New Jersey for collegiate education of young women, and removed to Lakewood, September, 1924. Newly chartered April 26, 1924.

Self-perpetuating board of trustees composed of the Bishop of the Trenton Diocese and 9 Sisters of Mercy.

Grounds and buildings: 5 buildings and campus of 200 acres valued at $5,000,000. The Casino, valued at $1,000,000, houses 3 gymnasia, a swimming-pool, squash and handball courts, bowling alleys, and a golf cage.

Library: 7,500 volumes.

Laboratories: Biology, Chemistry, Physics and Physiology.

Admission requirements: 15 units, including English 3, Latin 4, Foreign Language 2, History 1, Mathematics 2, Science 1.

Degree requirements: For A.B.: 4-year courses in Liberal Arts and Sciences, largely prescribed. 132 semester hours and 120 hours in physical education.

Health program: Prescribed physical training. Freshman and Sophomore years.

Enrolment for year ending June, 1926, 110. Total number of matriculates: 208. Total number of degrees conferred since foundation, 178.

Dates of beginning and ending sessions: Third week in September; second week in June.

Administrative officers: President, Mother M. Cecelia; Dean, Mother Mary John; Registrar, Sister Miriam.

GETTYSBURG COLLEGE

GETTYSBURG, PENNSYLVANIA

College for men and women. (The latter admitted as day students only; will not be admitted after September, 1929.) Affiliated with Lutheran Church.

Chartered April 7, 1832 as Pennsylvania College to prepare for Lutheran theological seminary at Gettysburg. Name changed November 14, 1921, to Gettysburg College.

Self-perpetuating board of 36 trustees.

Endowment, $799,200. Income from endowment, $48,242. Income from tuition and laboratory charges, $118,234. From room rent and heat, $8,868. Private benefactions, $31,712. Total annual expenditures year ending June 30, 1926, $167,650.

Grounds and buildings: 3 residence halls (325). Total value of grounds, 42 acres, $150,000. Total present worth of buildings,

$858,542. Total value of grounds, buildings and equipment, $1,045,125.

Library: 47,000 volumes, including 1,500 government documents; 60 current periodicals.

Laboratories: Breidenbaugh Science Hall (1926): Chemistry, Physics, Engineering; cost $125,000. Biology in Glatfelter Hall. Value of equipment in principal departments: Biology, $7,323.50; Chemistry, $12,000; Engineering, $5,760; Physics, $10,000; Psychology, $1,500.

Health program: Plank Memorial Gymnasium (1926); cost $125,000. Infirmary. Nixon Athletic Field and Memorial Athletic Field.

Admission requirements: 15 units, 3 of which must be in English and 2 in Mathematics. No conditions allowed.

Degree requirements: 120 semester hours (in addition to Military Science or Physical Training), of work with grade of "C" or better in at least 72 semester hours. For A.B.: 74 hours are in specified subjects; 46 in elective subjects. For B.S., 62 hours are in specified subjects; 58 hours in elective subjects. A major (18 semester hours) and a minor (12 semester hours).

General requirements: Sunday and daily chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 2, 1. Civil Engineering: 1, 1, 0. Economics and Political Science: 1, 1, 0. Education: 1, 1, 0. Electrical and Mechanical Engineering: 1, 0, 1. English: 1, 2, 1. English Bible: 1, 0, 1. Geology: 1, 0, 0. German: 1, 0, 1. Greek: 1, 0, 0. History: 1, 0, 1. Hygiene: 1, 0, 0. Latin: 1, 0, 1. Mathematics: 1, 1, 1. Military Science: 1, 1, 1. Orientation: 1, 1, 0. Philosophy: 1, 2, 0. Physics: 1, 1, 0. Romance Language: 1, 0, 2.

Enrolment for year ending June 30, 1926, 668: Men, 586; women, 82. Total matriculates since foundation, 3,990.

Degrees conferred year ending June 30, 1926, 117: A.B., 47; B.S., 70. Total number of degrees conferred since foundation, 2,689.

Fees: Tuition (annual), $225; registration fee, $5. Charge for board and room, $175 to $250 a year. Laboratory fees, $5 to $20.

Scholarships: 81: 6 of $100 each; 75 of $50 each.

Employment bureau: About 70 per cent of students earn all or part of their way through college.

Dates of beginning and ending sessions: First semester: Third Wednesday in September. Second semester: 1st of February; second Wednesday in June.

Summer session: Middle of June to August 1. 12 departments offered 40 courses. Attendance, 1925, 190.

Catalog number of College Bulletin in January.

Administrative officers: President, Henry W. A. Hanson; Registrar, Clyde B. Stover.

GOUCHER COLLEGE

BALTIMORE, MARYLAND

Privately controlled college for women. Offers only work in arts, literature, and science leading to the degree of Bachelor of Arts.

Chartered in January, 1885, as the Woman's College of Baltimore City. By amendment of charter in March, 1910, became Goucher College. Opened in 1888.

Self-perpetuating board of 33 trustees.

Endowment: $2,400,000. Income from all sources, $598,000.

Grounds and buildings: Plant and equipment valued at $2,100,000. College has procured a campus of 421 acres seven miles north of present site. On present site 26 buildings. 15 residence halls accommodate 687 students.

Library: 40,000 volumes.

Laboratories of Biology, Chemistry, Physics, Physiology. Laboratory facilities for Mathematics and Psychology.

A health certificate, signed by a physician, is required of every new student before she is allowed to register. After registration each new student is given a physical examination by the college physician and the director of the physical education department. Each student is given a second physical examination at the end of her first year in college and a third at the close of her college

course. Physical education requirement is met by an assignment of 3 hours work a week throughout the 4-year course. The physical education requirement for the degree is in addition to the academic requirement.

Admission requirements: (1) 15 units of college preparatory subjects, of which English is the only one prescribed; (2) average grade of 80 for all college preparatory subjects; (3) graduation from college preparatory department of accredited school; (4) recommendation by school principal. No conditions permitted. Examinations required in irregular cases. College reserves right to select those presenting most satisfactory records and highest personal qualifications. Capacity of residence halls limits enrolment to an average of 1,050. Not more than 350 can be admitted each year.

Degree requirements: For A.B.: 120 semester units, and 200 hours in physical education. In third and fourth years work must be concentrated in one department, in which courses amounting to 30 semester units must be taken.

General requirements: All students whose homes are not in Baltimore or vicinity required to live in residence halls.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biblical Literature and Comparative Religion: 0, 0, 0, 2. Biology: 1, 1, 1, 1. Chemistry: 1, 1, 1, 1. Economics and Sociology: 2, 1, 1, 1. Education: 1, 1, 1, 1. English: 1, 5, 1, 7. German: 1, 0, 0, 1. Greek: 1, 0, 0, 0. History: 4, 1, 0, 3. Latin: 1, 1, 0, 1. Mathematics: 2, 0, 0, 1. Philosophy: 1, 1, 0, 2. Physics: 1, 1, 0, 2. Physiology and Hygiene: 1, 0, 3, 1. Political Science: 0, 0, 2, 0. Psychology: 1, 0, 1, 1. Romance Languages: 1, 0, 4, 5. Physical Education: Director 1, Instructors 2, Assistants 3.

Enrolment for year ending June 30, 1926, 1,060.

Degrees conferred year ending June 30, 1926: B.A., 192. Total number of degrees conferred since foundation, 2,654.

Tuition, $250. Yearly charge for board and lodging, $500. Necessary fees and incidental expenses approximate $75.

Dates of beginning and ending sessions: Last Monday in September; last Monday in May or first Monday in June.

Catalog in August.

Administrative officers: President, William Westley Guth; Dean, Dorothy Stimson; Registrar, Carrie Mae Probst.

GREENSBORO COLLEGE

GREENSBORO, NORTH CAROLINA

College of Liberal Arts, Fine Arts, and Vocational Courses, under control of the two conferences of North Carolina Methodism (M. E. Church South), for women.

Chartered in 1838; oldest chartered College for Women in the State. Class work began April 15, 1846.

Controlled by 18 trustees, 6 of whom represent North Carolina Conference (M. E. Church South), 6 represent the Western North Carolina Conference, and 6 represent the Alumnae. All are elected by the board of trustees and confirmed by the two respective annual conferences. Trustees representing the Alumnae Association are also confirmed by the Alumnae Association.

Endowment, June 30, 1926: $301,808. Additional permanent funds, $35,227. Income from endowment year ending June 30, 1926, $14,207. Income from other sources, $89,664, including $10,000 annually from the two Conferences. Total expenditures year ending June 30, 1926, $82,458. Budget, 1926–1927, Expenditures, $106,550. Notable financial item for the year ending June 30, 1926, Endowment increased over $125,000.

Value of grounds, 25 acres, $123,556. 8 buildings valued at $336,584. Total value of grounds, buildings and equipment, $565,482.

Library: 10,680 volumes; 78 current periodicals.

Laboratories for Chemistry and Physics in Main Building (1904), and laboratories for Biology and Home Economics in Hudson Hall (1917). Value laboratory equipment:

Chemistry, $4,220; Physics, $3,809; Biology, $5,115; Home Economics, $2,103.

Each student, upon entering college, is examined by physician, nurse, and physical director. At beginning of second, third and fourth years they are again examined. Mental hygiene program. Infirmary. Trained nurse. Gymnasium.

Admission requirements: 15 units, including English 3, Mathematics 3, Foreign Languages 4, History 1. No conditions allowed.

Degree requirements: 122 semester hours of literary work required. Major and minor. Prescribed courses for A.B.: English, 12 hours; Mathematics 6, Foreign Language 12, History 6, Experimental Science 12, Philosophy 6, English Bible 8.

General requirements: Physical Education required. Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0. Chemistry and Physics: 1, 0, 0. Education and Philosophy: 1, 0, 0. English: 1, 1, 0. German: 1, 0, 0. History and Economics: 1, 0, 1. Latin and Romance Languages: 1, 3, 0. Mathematics: 1, 0, 0. Religious Education: 1, 1, 0.

Enrolment for year ending June 30, 1926, 374.

Degrees conferred year ending June 30, 1926, 43. Total number of degrees conferred since foundation, 390.

Fees: Tuition, $100; matriculation, $20; graduation, $10; Lyceum Course, $5; medical fee, $10; laboratory fees from $5 to $30 a year. Lodging and board, $254 to $274.

Scholarships: 48, and in addition 29 to daughters of ministers. Scholarships from $60 to $250 a year.

Dates of beginning and ending sessions: September 7, 1927 to May 29, 1928.

Extension classes in Public School Music and Art for public school teachers of Greensboro.

Catalog in February.

Achievements of year ending June 30, 1926: Gift of $100,000 for endowment.

Administrative officers: President, Reverend S. B. Turrentine; Dean of College Home, Mettie E. Ricketts; Director of School of Music, Carl Bentel; Registrar, Letha Brock.

GRINNELL COLLEGE

GRINNELL, IOWA

Name for bequests: Trustees of Iowa College.

Coeducational college; privately controlled; Congregational affiliation. Exchange relationship with Harvard University.

Organized 1846 at Davenport, Iowa. Chartered June, 1847, moved to Grinnell, 1859. The original name, Grinnell College, was made legally valid in 1909 to prevent confusion with other institutions in the State, and to harmonize with growing habit of calling it by the name of the town, Grinnell.

Self-perpetuating board of 24 trustees; 6 elected by Alumni.

Endowment, $1,558,000. Income from endowment, $68,000. Income from student fees, $175,000. Other sources, $55,500. Total annual expenditures year ending June 30, 1926, $318,000.

Grounds and buildings: 6 dormitories for women (325); 6 dormitories for men (260). Total value of grounds (63 acres), $223,000. Total present worth of building, $600,000. Total value of grounds, buildings and equipment, but not including dormitories, $1,400,000.

Library (1904), 78,000 volumes, including 4,000 government documents; 350 current periodicals.

Laboratories: Blair Hall (1882), $67,000. Goodnow Hall (1885), $35,000. Equipment, $27,200. Total value of laboratory buildings, $136,500.

Observatory: 9-inch refractor.

Health program: Gymnasium for men; gymnasium for women; Ward Athletic Field. Infirmary; full-time resident nurse. Medical inspection.

Admission requirements: 15 units, 3 in English required; 12 units recommended from Foreign Language, Social Science, Laboratory Science and Mathematics. Not more than 3 units accepted in vocational and industrial subjects.

Degree requirements: 120 semester hours; at least 90 hours "C" grade, or above. Major, 24 hours; minor, 16 hours. Group requirements: Freshman English, 6 hours; Mathematics 6, Laboratory Science 8, Lan-

guage 20, Social Science 6, Psychology or Philosophy 6.

Departments and Staff: Applied Christianity: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Art and Archæology: 0, 0, 0, 3. Astronomy: 1, 0, 0, 0. Biology: 2, 0, 0, 1. Botany: 1, 0, 0, 0. Business Administration: 1, 0, 0, 0. Chemistry: 1, 0, 1, 0. Economics: 1, 0, 0, 1. Education: 2, 0, 0, 0. English: 2, 1, 1, 4. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 2, 0, 0, 1. Latin: 1, 0, 0, 0. Mathematics: 2, 0, 0, 0. Music: 3, 2, 3, 4. Philosophy: 1, 0, 0, 0. Physical Education and Hygiene: 0, 0, 0, 7. Physics: 1, 0, 0, 0. Psychology: 2, 0, 0, 0. Religious Thought: 2, 0, 0, 0. Romance Languages: 2, 1, 2, 2. Sociology: 2, 0, 0, 1. Speech: 1, 0, 0, 0. Zoology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 814. Enrolment limited to 900.

Degrees conferred year ending June 30, 1926, 107. Total number of degrees conferred since foundation, 3,348.

Fees: Graduation, $5; semester fee, $15 a year (admits to athletic events, lectures and recitals). Annual tuition, $250. Board and room, $425.

Scholarships and fellowships: Interest from funds amounting to $15,000 awarded annually.

Research funds: Hendrixson Memorial Fund for research in Chemistry, $7,000.

Employment bureau: 42 per cent of men students actually working in Grinnell.

Dates of beginning and ending sessions: First semester, September 16, 1927; second semester, January 30, 1928.

Catalog in May.

Administrative officers: President, John Hanson Thomas Maine; Dean of College, John Scholte Nollen; Dean of Women, Luella Jane Read; Dean of Men, James Franklin Findlay; Registrar, Bethana McCandless.

GROVE CITY COLLEGE

GROVE CITY, PENNSYLVANIA

Coeducational college, for men and women. Privately controlled; affiliated with Presbyterian Church.

Founded in 1876 as a community enterprise. At first an academy; in 1884 chartered as a college.

Self-perpetuating board of 31 trustees.

Endowment, $500,000. Annual expenditures for year ending, 1926, $230,000. Budget, 1926–27, $230,000. During the year endowment campaign for $750,000 completed.

Grounds and buildings: 3 residence halls (275). Grounds, 60 acres, valued at $150,000. Total value of grounds, and 11 buildings, in excess of $1,000,000.

Carnegie Library (1900): 25,000 volumes. Special collections: General George B. McClelland's collection of Civil War books and documents.

Laboratories: Physics, Chemistry, Biology.

Health program: Athletic field. Gymnasium (1913). All women required to take physical education.

Admission requirements: 15 units.

Degree requirements: 128 semester hours, largely prescribed. Two-thirds of the hours must be of "C" grade or better.

General requirements: Daily and Sunday chapel required. Women required to live in dormitories.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Commerce: 2, 0, 1, 1. English and Oratory: 2, 0, 1, 2. History and Politics: 1, 1, 0, 0. Latin and Greek: 2, 0, 0, 0. Mathematics: 1, 0, 0, 1. Modern Languages: 2, 0, 0, 2. Music: 2, 0, 0, 3. Philosophy and Bible: 3, 0, 0, 0. Physical Training: 1, 0, 0, 1. Physics: 1, 0, 0, 0. Psychology and Education: 1, 0, 0, 0.

Enrolment year ending June 30, 1926, 738: Men, 387; women, 351.

Degrees conferred year ending June 30, 1926, 102: A.B., 19; B.S., 29; Litt.B., 26; B.S.C.E., 3; B.S. in C., 23; B.Mus., 4. Total number of degrees conferred since foundation, 1,931.

Fees: Semester tuition, $75; diploma fee, $5; laboratory fees, $4.50 to $12. Room and board, $153 to $180 a semester. Total charges, tuition, room, boarding and books, $243 to $270 a semester.

Scholarships: 15 endowed.

Dates of beginning and ending sessions: First semester, September 26; February 4, 1928. Second semester, February 7; June 13, 1928.

Summer session: June 19 to August 17, 1928.

Catalog in March.

Administrative officers: President, Weir C. Ketler; Dean of Men, Alva J. Calderwood; Dean of Women, Lois-Cory Thompson; Registrar, Harold O. White.

GUILFORD COLLEGE

GUILFORD COLLEGE, NORTH CAROLINA

Founded as New Garden Boarding School. August, 1837, by Society of Friends. Coeducational.

President, Raymond Binford.

The requested information has not been received from this institution.

GUSTAVUS ADOLPHUS COLLEGE

ST. PETER, MINNESOTA

Name for bequests: The Swedish Lutheran Board of Education of the State of Minnesota.

College. For men and women. Swedish Lutheran.

Founded by Reverend Erik Norelius at Red Wing, Minnesota, in 1862. In 1863, moved to East Union, near Carver, Minnesota. Here it remained until 1876 as St. Ansgar's Academy when it was moved to St. Peter, Minnesota. In 1874 name changed to Gustavus Adolphus College.

Board of 12 trustees, 4 whose terms expire every 3 years. Members must be members of Swedish Lutheran Church of the Minnesota Conference of the Augustana Synod.

Endowment, $505,488.81. Income from endowment, $25,000. Total expenditures, $97,123.53. Budget, 1926–27, $110,489.50.

Total value of grounds, buildings and equipment, 20 acres, $489,328.67.

Library (1880), 16,500 volumes, including 7,500 pamphlets.

Science Building (1875), $75,000. Value of equipment in principal departments, $15,000.

Health program: Physician on staff. Gymnasium (1923), $150,000.

Admission requirements: 16 units, with at least 11 non-vocational subjects. One condition allowed; must be removed during the first year.

Degree requirements: For A.B., 130 semester units; 130 honor points. Two majors (3 years of work in one subject) and two minors (2 years of work in one subject).

General requirements: Physical education required for 3 years. Chapel attendance required. Women Freshmen and Sophomores required to live in dormitory.

Departments and Staff: College Department: *Professors and Associate Professors*, 17. Music Department: *Professors*, 3; *Associate Professor*, 1. Academy Department: *Instructors*, 3.

Enrolment for year ending June 30, 1926, 518.

Degrees conferred year ending June 30, 1926: A.B., 85.

Fees: Tuition, $50 a semester; matriculation, $5; graduation, $5; general fees, $15; laboratory fees, $1 to $4.

About 35 per cent earned way through college.

Dates of beginning and ending sessions: First semester, September 12, 1927; second semester, January 30, 1928.

Publications: Catalog in April. President's report in February.

Achievements of year ending June 30, 1926: Endowment campaign for $500,000 completed. General Education Board contributed $100,000.

Administrative officers: President, Reverend Oscar J. Johnson, D.D.; Registrar, Conrad Peterson.

HAMILTON COLLEGE

CLINTON, NEW YORK

College of Liberal Arts. For 400 men. Privately controlled. Nominally Presbyterian but undenominational and non-sectarian.

Founded as a college under charter of the board of regents of the State in 1812. It grew out of Hamilton-Oneida Academy, which was founded by Alexander Hamilton in 1793.

Board of 28 trustees, 24 elected by the

board, and 4 by the Alumni of the college.

Endowment, $3,519,869.72. Income from endowment, $196,060.17. Income from other sources, $114,430.39. Total annual expenditures year ending May 31, 1926, $304,093.55. Budget, 1926–1927, $309,-834.85. Endowment fund of 1921: payments, $47,112.08. Endowment fund of 1926: payments, $132,015. Endowment fund of 1926: subscriptions, $400,197. Other gifts and bequests, $42,980.52.

Residence halls for men (200). Total value of grounds, 172 acres, $135,000. Total present worth of buildings, $1,200,000. Total value of grounds, buildings and equipment, $1,500,000.

Library (1914), 115,000 volumes, including 5,000 government documents; 425 current periodicals. Special collections: Homer, Greek Anthology; Geography of the Near East, Miltoniana, Greek Vases, German Dialects and Lexicography, Romance Philology, etc.

Laboratories: Chemical Laboratory (1903), $24,000. Biology-Geology (1925), $280,000. Root Hall, Physics (in part), $22,500. Value of equipment in principal departments: Chemistry, $10,000; Geology, $10,000; Biology, $20,000; Physics, $5,000.

Physical Education required of all undergraduates. Athletic field. Gymnasium. Golf course.

Admission requirements: Admission by examination at College, or by College Entrance Board Examination. 14½ units, including English 3, Algebra 1, Plane Geometry 1, History 1, Foreign Language 5–7, of which 2 must be Latin or Greek.

Degree requirements: For A.B. and B.S.: 140 semester hours. Major and minor. Freshman year largely prescribed.

Chapel attendance required.

Departments and Staff: Art: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 0, 1. Chemistry: 2, 0, 0, 0. Economics: 1, 0, 0, 0. English Composition and Public Speaking: 2, 1, 0, 2. English Language: 1, 2, 1, 0. English Literature: 2, 0, 0, 0. Geology: 1, 0, 0, 1. German: 1, 0, 1, 0. Greek: 2, 0, 0, 0. Hebrew: 0, 0, 0, 1. History: 1, 0, 0, 0. Latin: 2, 0, 0, 0. Mathematics: 3, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physical Education: 2, 1, 1, 0. Physics: 1, 0, 0, 0. Political Science: 1, 0, 0, 1. Romance Language: 1, 2, 1, 0.

Enrolment for year ending June 30, 1926, 420. Total number of matriculates since foundation, 6,292.

Degrees conferred year ending June 30, 1926, 62: A.B., 50; B.S., 7; M.A., 1; D.D., 2; L.H.D., 1; LL.D., 1. Total number of degrees conferred since foundation, 4,215.

Fees: Tuition, $200; activities fee, $25; room rent, $55 to $150 a year; board about $7 a week; laboratory fees, $5 to $25 a year. Annual expenses: Liberal, $1,000; low, $600.

Scholarships and fellowships: 91 endowed scholarships. New York scholarships, 5 from each assembly district, $100 a year. Ministerial scholarships, $80 to $150. One fellowship, $500.

Dates of beginning and ending sessions: First semester, September 22, 1927; second semester, February 6, 1928.

Publications: Catalog in December. President's report in July.

Achievements of year ending June 30, 1926: Campaign for $1,500,000 in progress.

Administrative officers: President, Frederick C. Ferry; Dean, Arthur P. Saunders; Registrar, Samuel J. Saunders.

HAMLINE UNIVERSITY

SAINT PAUL, MINNESOTA

Name for bequests: The Trustees of the Hamline University of Minnesota.

Coeducational college of liberal arts. Controlled by Methodist Episcopal Church.

Founded by act of Territorial Legislature of Minnesota, March 3, 1854. Preparatory department organized November 16, 1854, at Red Wing, Minnesota. Closed in 1869 to open again in 1880 in Hamline, at that time a community mid-way between Saint Paul and Minneapolis, Minnesota. Preparatory department discontinued in 1913.

Self-perpetuating board of 21 trustees, nominated by board and elected by annual meeting of Minnesota Conference of Methodist Episcopal Church. Seven conference visitors elected by Minnesota Conference have voice and vote on the board of trustees. 7 visitors appointed by Northern Minne-

sota Conference of the Methodist Episcopal Church have voice but no vote.

Endowment, $1,287,766. Income from endowment, $64,985. Income from tuition fees and gifts, $115,203. Total annual expenditures year ending June 30, 1926, $190,000. Budget, 1926–1927, $210,000. A campaign was begun in summer of 1926 for $400,000 for new administration building.

Grounds and buildings: 1 residence hall for men (80); 1 for women (120). Total value of grounds, 35 acres, $123,000. Total present worth of buildings, $497,621. Total value of grounds, buildings and equipment, $687,612.

Library (1907): 26,500 volumes; 141 current periodicals.

Science Hall (1888), present worth, $58,825. Value of equipment in principal scientific departments, $21,591.

Health program: Physical examination of each student every autumn. Infirmaries for men and for women with graduate nurse in charge. Physical education required of all Freshmen and Sophomores. Gymnasium (1909), present worth, $49,487. Athletic field (1921).

Admission requirements: Certificate of good moral character; graduation in upper half of class from an accredited high school; 15 units, including English 4, Algebra 1, Geometry 1, Foreign Language 2.

Degree requirements: For Bachelor's degree: 128 semester hours; 128 honor points. Prescribed: Physical education 4 hours; General Reading 3; Junior essay 1. Courses for Freshmen and Sophomores must be completed. At least 30 credit hours must be in courses restricted to Juniors and Seniors. In Foreign Languages, equivalent of 18 hours. For B.S.: completion of intermediate French or German. One major of 6 related semester courses and 3 minors of 4 semester courses. One minor must be in languages or letters, another in sciences, and a third in social sciences or arts. For Master's degree: Completion of one full year's work in residence, ordinarily consisting of a thesis and 24 hours of other work, of which 12 hours must be in major subject, and 6 hours in each of two other subjects. Thesis.

General requirements: Daily chapel attendance required. All women must live in college buildings, unless living at home or with near relatives. Freshman men must live in dormitory unless living with relatives or working for room.

Departments and Staff: Bible and Religious Education: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Biology and Geology: 1, 0, 1, 2. Chemistry: 1, 0, 1, 1. Economics: 1, 0, 0, 1. Education: 1, 0, 0, 0. English: 1, 1, 2, 2. English Literature: 1, 0, 0, 2. German: 1, 0, 0, 0. History: 1, 1, 0, 1. Latin and Greek: 1, 0, 0, 1. Library Science: 0, 0, 0, 1. Mathematics: 1, 0, 0, 2. Music: 1, 0, 0, 7. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 0, 3. Physics: 1, 0, 0, 2. Political Science: 1, 0, 0, 1. Psychology: 1, 0, 0, 0. Romance Languages: 1, 0, 2, 1. Sociology: 1, 0, 1, 0. Speech: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 639: Men, 380; women, 259.

Degrees conferred year ending June 30, 1926, 80: B.A., 69; B.S., 9; M.A., 2. Total number of baccalaureate degrees conferred since foundation, 1,527.

Fees: Matriculation fee, $5; diploma fee, $5; tuition, including library and gymnasium fees and incidentals, $100 a semester. Student Association fee, $6. Board, 18 weeks, $108. Room, Manor House, $60 to $65. Room, Goheen Hall, $49 to $54. Laboratory and other fees, $2 to $6.

Scholarships: About 20; $50 to $300 each.

Employment bureau: Percentage of students who earned way through college during year ending June 30, 1926, approximately 20.

Dates of beginning and ending sessions for the year 1927–28: First semester, September 19; second semester, January 28; June 9.

Summer session: Short courses for pastors and other professional religious workers for 3 weeks in June.

Catalog in January.

Achievements of the year ending June 30, 1926: Inauguration of building fund campaign for $400,000.

Administrative officers: President, Samuel Fletcher Kerfoot; Dean of the Faculty, Henry Leslie Osborn; Registrar, Ward Taylor; Dean of Women, Louise Bolard More; Dean of Men, Miron A. Morrill.

HAMPDEN-SIDNEY COLLEGE

HAMPDEN-SIDNEY COLLEGE, VIRGINIA

Name used for bequests: The President and Trustees of Hampden-Sidney College.

College for men, owned and controlled by the Presbyterian Synod of Virginia.

Opened as Hampden-Sydney Academy, January 1, 1776. Incorporated by General Assembly of Virginia as Hampden-Sydney College, May, 1783. Charter amended and college transferred to the Synod (Presbyterian) of Virginia by the State Corporation Commission, February 14, 1919.

Board of 25 trustees, chosen by Presbyterian Synod of Virginia.

Endowment, $150,000. Income from endowment, $10,000. Income from churches, $22,000. Income from tuition fees, $35,000. Income from other sources, $7,382. Total expenditures, $78,200. Budget, 1926–27, Expenditures, $73,000.

Grounds and buildings: 2 residence halls (200). Total value of grounds (250 acres), $23,000. Total present worth of buildings, $441,125. Total value of grounds, buildings and equipment, $518,740.

Library (1880), 24,000 volumes, including 6,000 government documents; 24 current periodicals.

Laboratories: One building, worth $85,000; equipment: Physics, $8,000; Chemistry, $2,500; Biology, $1,500.

Health program: Gymnasium (1916), worth $25,000. Infirmary.

Admission requirements: 15 units.

Degree requirements: 104 semester hours of prescribed courses.

Sunday and daily chapel attendance required.

Enrolment for year ending June 30, 1926, 232.

Degrees conferred year ending June 30, 1926, 30.

Fees: $232 a year; graduation, $5; laboratory fee, $5 to $10; board, $25 a month. Annual expenses: Liberal, $800; low, $600.

Scholarships of indefinite number: $50 each.

Jobs for 30 students a year.

Dates of beginning and ending sessions: Wednesday after first Tuesday in September; Wednesday after first Tuesday in June.

Catalog in February.

Administrative officers: President, ——; Dean, Macon Reed.

HANOVER COLLEGE

HANOVER, INDIANA

Name for bequests: The Trustees of Hanover College.

Liberal arts college; coeducational, Presbyterian.

Began work January 1, 1827 as an academy. Founded by Madison Presbytery and Synod of Indiana of the Presbyterian Church, U. S. A. Chartered as a college by Legislature of Indiana and placed under a self-perpetuating board of trustees in 1833.

Self-perpetuating board of 32 trustees chosen without denominational or other restrictions.

Endowment, $658,738.71. Income from endowment, $38,648.94. Income from student fees, etc., $35,719.98. Total annual expenditures, $73,261.03. Budget, 1926–1927, $74,000.

Grounds and buildings: Total value of grounds, 200 acres, $7,400. Total present worth of buildings, $186,200. Total value of grounds, buildings and equipment, $233,160.

Library (1805), 30,000 volumes, including 10,000 government documents.

Science Hall (1919), $55,000; equipment, $6,187.

Observatory (1895): 7½-inch equatorial telescope.

Health program: Physical examination of all entrants. Gymnasium (1822), $20,000.

Admission requirements: 15 units, including Foreign Language (ancient or modern) 3, Mathematics 3, English 3, History 1, Science 1. One condition allowed; must be removed within one year.

Degree requirements: For A.B.: 192 hours including 24 hours of Foreign Language, and 12 hours each of Bible, Mathematics, English, History, Social Science, Physical Science, Biological Science and Philosophy. Two full majors. "C" average or above.

Physical education required during two years. Daily chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Instructors*, 0. Bi-

ology: 1, 0. Chemistry: 1, 0. Education: 1, 2. English: 2, 0. English Bible: 1, 0. Geology and Physics: 1, 0. History: 1, 1. Mathematics: 1, 1. Modern Languages: 1, 1. Music: 1, 0. Philosophy: 1, 0. Physical Education: 0, 2. Social Sciences: 1, 0.

Enrolment for year ending June 30, 1926, 503.

Degrees conferred year ending June 30, 1926: A.B., 44; D.D., 3. Total number of degrees conferred since foundation, A.B., 1,425.

Fees: Tuition, $100 a year; student activities fee, $18 a year; graduation, $10; laboratory, $5 a term; board, $6 a week. Annual expenses: Liberal, $500; low, $350.

Dates of beginning and ending sessions: Autumn quarter, September 21; Winter quarter, January 4; Spring quarter, March 24; Summer quarter, June 14.

Summer session: June 14 to August 25. Attendance, 1925, 248.

University extension held in 7 centers. Attendance, 215.

Publications: Catalog in April. President's report in July.

Administrative officers: President, William A. Millis; Registrar, Leonard L. Huber; Dean of Men, Orval A. Hall; Dean of Women, Mabel Coddington.

HARVARD UNIVERSITY

CAMBRIDGE, MASSACHUSETTS

Name for bequests: President and Fellows of Harvard College.

University, privately controlled.

Harvard College founded in 1636.

There are two governing boards, one known as the Corporation, consisting of the President, Treasurer, and 5 Fellows appointed for life, and choosing their own successors; the other the Board of Overseers, consisting of 30 members elected by the Alumni for 6 years, 5 retiring at the end of each year.

Endowment, $76,000,000. Income from endowment, $3,963,969. Income from other sources, $5,520,500. Total annual expenditures year ending June 30, 1926, $8,153,000. Budget, 1926–27, $8,750,000.

There are 38 dormitories (3,280 men).

Library: Widener Library (1914). Total number of volumes in all libraries, 2,497,200. In addition to the Widener Library there are the following special libraries: Engineering, Theological, Law, Medical, Dental Schools, Schools of Business Administration, Architecture, Landscape Architecture, Education, Bussey Institution, Arnold Arboretum Museum, Comparative Zoology, Peabody Museum, Gray Herbarium, Astronomical Observatory, Blue Hill Observatory.

Museums: Botanical, Comparative Zoology, Fogg Art, Geological, Germanic, Mineralogical, Peabody Museum of Archæology and Ethnology, Semitic, Social Ethics, University, Warren Anatomical at the Medical School.

The University maintains an observatory at Cambridge, Massachusetts, and in the southern hemisphere at Arequipa, Peru, and the Meteorological Observatory at Blue Hill, Massachusetts.

Admission requirements: Students ranked in the highest seventh in the last two years of their preparatory school graduating class may be admitted without examination. All candidates for admission by examination must take examinations of College Entrance Examination Board. Two plans of admission: Old Plan: Examination in certain studies. 15 units. Grades of 70 or over in not less than 6 units. Prescribed studies: English, Foreign Language, History, Mathematics, Science. New Plan: Candidate must present high school record and must take four comprehensive College Entrance Examination Board Examinations in (a) English; (b) Latin or Greek for candidates for A.B., French, German, Spanish, Italian, or 2-year Latin for candidates for S.B.; (c) Mathematics, or Physics or Chemistry (with laboratory tests); (d) Any subject (not already selected under (b) or (c) from the following list: Latin, Greek, French, German, Spanish, Italian, History, Mathematics, Physics, Chemistry, Botany, Zoology, Biology. Freshman class limited to 1,000. Admission of Foreign Students: The principles of the New Plan will be used in admitting students from foreign countries in which English is not the native language.

Degree requirements: For B.A. or B.S.:

16 courses and as much work in English as may be prescribed; fulfilment of requirements for concentration and distribution and passage of general examination if this is required in field of concentration. Grade of C or better in two-thirds of work. For M.A.: Minimum of one year's residence. Approved program of advanced study. For Ph.D.: Reading knowledge of French and German. Not less than 2 years devoted to advanced study and research. Examination and thesis.

Staff: Number of teaching staff in the whole university is as follows: *Professors*, 205; *Associate Professors*, 44; *Assistant Professors*, 120; *Lecturers*, 77; *Associates*, 30; *Instructors*, 392; *Austin Teaching Fellows*, 20; *Tutors*, *Teaching Fellows* and *Fellows for Research*, 215; *Assistants*, 297. See chapters V–VI.

Enrolment for year ending June 30, 1926: College, 3,271; Graduate School of Arts and Sciences, 897; Special students under Faculty of Arts and Sciences, 58; Engineering School, 267; Theological School, 100; Law School, 1,440; Medical School, 506; Dental School, 150; School of Public Health, 33; Graduate School of Business Administration, 728; School of Architecture, 76; School of Landscape Architecture, 48; Graduate School of Education, 388; Bussey Institution, 21.

Degrees conferred year ending June 30, 1926, 1,830. Total number of degrees conferred since foundation, 55,684.

Scholarships and fellowships: 253 fellowship and scholarship endowed funds, with a total income of $239,994. In addition, in the year 1925–26, 45 gifts for fellowships and scholarships were received to the amount of $54,635.

Employment bureau: From 10 to 15 per cent of the students earn 80 per cent or more of their total expenses. From 50 to 60 per cent are engaged in some profitable employment. Total earnings reported to office, $193,696. Total number of students reporting, 1,936. During summer, 1926, 206.

Dates of beginning and ending sessions: September 27, 1926; June 23, 1927.

Summer session: July 5, 1927 to August 13, 1927. Attendance, 1925, 2,452.

Administrative officers: President, A. Lawrence Lowell; Dean of the Faculty of Arts and Sciences, C. H. Moore; Dean of the Graduate School of Arts and Sciences, G. H. Chase; Dean of Harvard College, C. N. Greenough: Dean of Special Students, A. F. Whittem; Dean of the Engineering School, H. J. Hughes; Dean of the Faculty of Architecture, G. H. Edgell; Dean of the Graduate School of Business Administration, W. B. Donham; Dean of the Bussey Institution; W. M. Wheeler; Dean of the Theological School, W. L. Sperry; Dean of the Faculty of Law, Roscoe Pound; Dean of the Graduate School of Education, H. W. Holmes; Dean of the Faculty of Medicine and Dentistry, and Dean of the School of Public Health, D. L. Edsall; Dean of the Dental School, L. M. S. Miner.

HASTINGS COLLEGE

HASTINGS, NEBRASKA

College with preparatory department and Conservatory of Music. Coeducational. Private control under general auspices of Presbyterian Church.

College opened September, 1883.

Presbyterian Synod of Nebraska nominates trustees who are subsequently elected by the board of trustees. Two-thirds of them must be members of the Presbyterian Church, U. S. A.

Endowment, $400,000. Income from endowment, $18,000. Income from other sources, $97,000. Total annual expenditures year ending June 30, 1926, $115,000. Budget, 1926–1927, $120,000. Gymnasium, cost $35,000. $400,000 endowment campaign in progress. Gift of $37,500 for endowment of a Bible Study department.

Grounds and buildings: Total value of grounds, $42,295.80. Total present worth of buildings, $215,455.19. Total value of grounds, buildings and equipment, $306,720.13.

Library (1909): 10,000 volumes; 50 current periodicals.

Laboratories: Value of equipment in principal departments: Chemistry and Physics equipment, $3,000.

Health program: Physical examinations required. Gymnasium, $32,000; athletic field, stadium, $10,000.

Admission requirements: 15 units, including English 3, American History and Civics, 1, European History 1, Mathematics 2 or 3, Foreign Language 3 or 2, Science 1. One unit condition to be made up as required.

Degree requirements: 128 semester hours. In group selected student must take one major of 24 hours, and two minors of 16 and 15 hours each. Other required subjects include English 12 hours, Bible 8, Foreign Language 0 to 24, other subjects 24, leaving unrestricted electives ranging from 0 to 37 hours. Theses required in certain courses.

Daily chapel attendance required.

Departments and Staff: Bible: *Professors*, 1; *Instructors*, 0; *Assistants*, 0. Biology: 1, 0, 0. Chemistry: 1, 0, 1. Classical Languages: 1, 0, 0. Education: 1, 0, 2. English: 1, 0, 3. History: 1, 0, 1. Home Economics: 1, 0, 1. Latin and German: 0, 1, 0. Mathematics: 1, 0, 2. Modern Languages: 2, 0, 1. Philosophy: 1, 0, 0. Physics: 1, 0, 1. Political Science and Economics: 2, 0, 0. Public Speaking: 1, 0, 0. Conservatory of Music: *Professors*, 5; *Assistants*, 1.

Enrolment for year ending June 30, 1926, 629: Men, 245; women, 384. Matriculates since foundation about 3,000.

Degrees conferred year ending June 30, 1926, 51 bachelor's degrees. Total number of degrees conferred since foundation, 449.

Fees: Annual tuition fee, $100; laboratory, $4 to $12; diploma, $5; charge for lodging and board, $231. Annual expenses: Liberal, $600; low, $450.

Scholarships, 30; $50 a year each.

Dates of beginning and ending sessions: September 2, 1927; May 30, 1928.

Summer session: May 29 to August 18, 1928. Attendance, 1925, 158.

University extension: 100 students.

Catalog in April.

Administrative officers: President, Reverend Calvin H. French; Dean, F. E. Weyer; Registrar, Gertrude Glassey.

HAVERFORD COLLEGE

HAVERFORD, PENNSYLVANIA

College for men. Privately owned. Controlled by Society of Friends.

Founded in 1833.

Board of 27 trustees, representing by triennial election the Corporation of Haverford College, all members of which are members of Society of Friends.

Endowment about $4,000,000. Income from endowment, $164,765. Income from tuition, fees, rents, etc., $164,355. Budget, 1926–1927, $345,474.

Grounds and buildings: Total value of grounds, 220 acres, $1,500,000. Total present worth of buildings, $1,500,000. Total value of grounds, buildings and equipment, $3,000,000.

Library (1863, 1898, 1912): 101,000 volumes; 200 current periodicals. Notable Quaker collections.

Three laboratories.

Observatory: 10-inch Clark refractor.

Health program: Physical examinations at beginning of Freshman year and frequently until end of Sophomore year. Gymnasium (1900). 5 athletic fields. Infirmary (1912), 20 beds. Required physical training in Freshman and Sophomore years.

Admission requirements: 15 units offered by one of two methods: (1) College Board examinations in all 15 units; (2) College Board examinations in English, Foreign Language, Algebra, and Plane Geometry, and the school certificate for satisfactory work in remaining units. Medical statement also required and personal interview whenever feasible.

Degree requirements: Year courses, 20; equivalent to 120 semester hours. Required courses for Freshmen: English, Mathematics, Elementary Biology, and two Foreign Languages; Sophomores: one Foreign Language, American History, Economics; Juniors: Psychology, Biblical Literature; Seniors, Ethics, a major and 2 minor subjects required in Junior and Senior years.

Daily chapel attendance required.

Departments and Staff: Astronomy: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biblical Litera-

ture: 1, 0, 0, 0. Biology: 2, 0, 0, 0. Chemistry: 1, 0, 0, 1. Economics: 1, 0, 0, 0. Engineering: 1, 0, 0, 1. English: 0, 2, 0, 1. German: 0, 1, 0, 0. Greek: 0, 0, 1, 0. History: 2, 0, 0, 0. Latin: 1, 0, 0, 1. Mathematics: 1, 1, 0, 0. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 1, 1. Romance Languages: 1, 0, 1, 1. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 255.

Degrees conferred year ending June 30, 1926, 58: A.B., 19; S.B., 31; A.M., 8.

Fees: Including charges for board, lodging and tuition—everything but laboratories—$625 to $775.

Scholarships about 60, worth from $100 to $625 each.

Dates of beginning and ending sessions: Third Thursday in September; second Friday in June.

Publications: Catalog in January. President's report in November.

Administrative officers: President, W. W. Comfort; Dean, F. Palmer, Jr.; Registrar, O. M. Chase.

HAWAII, UNIVERSITY OF

See: University of Hawaii.

HEIDELBERG COLLEGE

TIFFIN, OHIO

Coeducational from the beginning. Founded and supported by the Reformed Church in the United States.

On September 26, 1850, the Ohio Synod of the Reformed Church in the United States resolved to found Heidelberg College at Tiffin, Ohio. Opened November 11, 1850. Incorporated by an act of the General Assembly of Ohio on the 13th of February, 1851.

Board of 24 trustees, 16 of whom are elected by the Ohio Synod, 4 by Alumni of the college, and 4 by the trustees themselves.

Endowment, $954,028.59. Income from endowment, $47,450.19. Income from other sources, $116,992.13. Total annual expenditures year ending June 30, 1926, $164,442.32. Budget, 1926–1927, $188,910.76. Endowment increased $147,759.66 during 1925–26. Of this amount $92,671.82 came from the General Education Board, completing a grant of $150,000. France Hall, a dormitory for women, cost $150,000. College Commons for men, cost $95,000.

Grounds and buildings: Campus, 22 acres, $120,000; 12 buildings, $890,000. Total value buildings and grounds, $1,010,000.

Library (1912): 22,000 volumes, including 2,000 government documents; 125 current periodicals.

Laboratories: Science Hall (1913), valued $100,000. Value of equipment: Biology, $3,000; Physics, $1,800; Chemistry, $2,500.

Museum (1893), value $30,000. Charles H. Jones Collection of Minerals.

Health program: Athletic field. Gymnasium for men; value $30,000. Medical examination for all who enter athletic contests. Registered nurse for women.

Admission requirements: 15 units, including English 3, Foreign Language 2, Algebra 1, Geometry 1, History, Science 1; 3 additional units from same group.

Degree requirements: For A.B., or B.S.: 124 semester hours, including physical culture requirement; 120 quality points. Group system requirements. Majors and minors.

General requirements: Chapel attendance required. Physical education required during first two years.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Business Administration: 0, 0, 1. Chemistry: 1, 1, 0. Economics: 1, 0, 0. Education: 1, 0, 1. English: 2, 0, 1. English Bible: 1, 0, 0. French: 1, 0, 0. Geology: 1, 0, 0. German: 1, 0, 0. Greek: 1, 0, 0. History: 1, 0, 1. Latin: 1, 0, 1. Mathematics: 1, 0, 1. Philosophy: 1, 0, 0. Physics: 1, 0, 0. Psychology: 1, 0, 0. Public Speaking: 1, 0, 0. Religious Education: 0, 0, 1. Social Science: 1, 0, 0. Spanish: 0, 0, 1.

Enrolment for year ending June 30, 1926, 504. Total number of matriculates since foundation, 8,800.

Degrees conferred year ending June 30, 1926: A.B., 66; B.S., 4; B. Mus., 4. Total number of degrees conferred since foundation, 1,314.

Fees: Tuition for year, $160; graduation, $10; laboratory, $10; charge for lodging and

board, $250. Annual expenses: Liberal, $550; low, $450.

Employment bureau: 70 per cent of the men, 40 per cent of the women, earn part of expenses.

Dates of beginning and ending sessions: First semester: September 12, 1927; January 31, 1928. Second semester: February 1, 1928; June 13, 1928.

Publications: Catalog in April. President's report in August.

Administrative officers: President, Charles E. Miller; Dean of the College, Francis W. Kennedy; Dean of Women, Mary Isabel Park; Registrar, Thomas H. Sonnedecker.

HENDRIX COLLEGE

CONWAY, ARKANSAS

Coeducational College of Arts and Science, owned by Methodist Episcopal Church, South.

Chartered in 1884, when Central Collegiate Institute, Altus, Arkansas, was purchased by the Arkansas and Little Rock Conferences of the M. E. Church, South; name changed to Hendrix College in 1889; moved to Conway in 1890. Self-perpetuating board of 21 trustees elected for a term of six years, subject to approval by conferences.

Endowment, $550,000. Income from all sources, $100,944.64; annual budget, $91,545; campus of 38 acres, 12 buildings and equipment valued at $395,860. Five dormitories (180 men); 2 dormitories (66 women).

Library (1926), 23,000 volumes, including 9,000 government documents; 8,000 pamphlets. Special collection of Arkansas documents and Methodist publications.

Laboratories: Chemistry (1918); Biology (1918); Physics and Museum in Chemistry Building. Chemistry, Biology and Physics equipment, $10,400.

Health examination required of students and faculty. Stadium (1923) cost $60,000; gymnasium (1926) cost $20,000; hospital (1918); resident registered nurse. Vaccination and inoculation against typhoid required.

Admission: 15 units, including English 3, Foreign Language 2, Algebra 1, Geometry 1, History 1, and satisfactory recommendation as to character and promise.

Degree requirements: For A.B.: 120 semester hours, oral examination in major subject, 30 semester hours.

General requirements: Physical training required of Freshmen. Chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Bible and Religious Education: 1, 0, 0, 0. Biology: 1, 0, 0, 0. Chemistry and Physics: 1, 0, 0, 0. Economics: 1, 0, 0, 1. Education: 1, 0, 0, 1. English: 1, 0, 2, 1. History: 1, 0, 1, 0. Mathematics: 1, 0, 0, 0. Modern Languages: 1, 0, 1, 1. Sociology and Rural Life: 1, 0, 0, 1.

Enrolment for 1925–26, 386: Men, 296; women, 90. Matriculates, 1884–1926, 9,045 (includes Academy up to 1924–25).

Degrees conferred June, 1926: B.A., 72. Total number of degrees to date: 562 B.A.; Honorary, 16.

Tuition for year, $110; board and lodging, $300; fees approximate $75.

Scholarships of $350 each awarded annually. Loan fund of $10,000.

Employment: 14 per cent of student body earned part of way through college, 1925–26.

Dates beginning and ending sessions: September 14, 1927; June 5, 1928.

Summer session: June 6 to August 4, 1928. Nine departments offered 28 courses. Attendance, 1925, 88.

Publications: Quarterly bulletin includes catalog in April.

President: John Hugh Reynolds; Dean, Charles Jerome Greene; Registrar: Guy Andrew Simmons.

HILLSDALE COLLEGE OF MICHIGAN

HILLSDALE, MICHIGAN

College of Liberal Arts and Sciences with special departments of Music, Commerce and Home Economics; coeducational; affiliated with Baptist denomination.

Founded in 1844 as Michigan Central College at Spring Arbor, Michigan; 1853, removed to Hillsdale; 1855, incorporated; first class graduated, 1856. Hillsdale claims to be

first college in Michigan organized under general college law; first to educate women on equal basis with men; first to have degree-conferring theological school; first to comply with law whereby teachers' certificates issued to graduates; first to erect building for gymnasium; first to establish military department; and first to elect women to board of trustees.

Board of 35 trustees. Associated with board of trustees is board of women commissioners.

Endowment, $754,190.88. Income from endowment, $55,817.36. Total annual expenditures year ending June 30, 1926, $158,310.03. Budget, 1926–1927, $168,127. Gifts $68,491.91.

Grounds and buildings: Total value of grounds, 60 acres, $43,773.59. Total present worth of buildings, $571,100. Total value of grounds, buildings and equipment, $850,000. Six dormitory units for women (137); new dormitory under construction with capacity for 100. Three for men (41).

Library (1874), 30,000 volumes; 199 current periodicals. Special collections: Hill Civil War Collection; Ambler Collection; Cushing Memorial Collection (English); Ashbaugh Shakespearian Collection.

Laboratories: Knowlton Hall (1874); present worth, $100,000. Value of equipment in principal departments: Biology, $6,800; Physics, $6,000; Chemistry, $18,000.

Health program: Medical examination of entering students. Gymnasium and athletic field for women. Infirmary. Field house. Stadium. Athletic field for men.

Admission requirements: 15 units, including English 3, Algebra 1, Plane Geometry 1, Laboratory Science 1. Not more than 3 units allowed in Art, Manual Training, Domestic Science, Business, and Agriculture. One unit of condition allowed; must be made up within first year.

Degree requirements: 124 semester hours; 248 points. For A.B.: 30 hours, Group I (Language and Literature); 20 hours, Group II (Natural Science); and 20 hours Group III (Social Sciences). For B.S. the 30 hours must be in Group II, and 20 in other two groups. Prescribed: Rhetoric, 7 hours; minimum Foreign Language, 1 year; Physical Education, 2 years; 25 hours in a major and 10 hours in a minor.

General requirements: Two years physical culture required. Daily chapel attendance required.

Departments and Staff: Applied Christian Education: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Classical Languages: 0, 1, 1, 0. Dramatic Art: 0, 1, 0, 0. Economics and Business Administration: 1, 0, 2, 0. Education: 1, 1, 0, 0; English: 1, 1, 1, 0. History: 1, 0, 2, 0; Household Economics: 1, 1, 0, 0. Mathematics: 1, 0, 0, 0. Modern Languages: 3, 0, 0, 0. Music: 3, 0, 1, 5. Psychology and Philosophy: 1, 0, 0, 0. Physics: 0, 1, 0, 0. Physical Education: 0, 0, 2, 0. Religious Education: 1, 0, 0, 0. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 503. College: Men, 208; women, 216. Department of Music, 79. Total number of matriculates since foundation, 10,945.

Degrees conferred year ending June 30, 1926, 69: A.B., 54; B.S., 11; Honorary, 4. Total number of degrees conferred since foundation, 1,937.

Fees: Tuition, 12 to 16 hours, $75 a semester. Matriculation, $5. Graduation, $10. Laboratory, $2 each semester hour. Annual expenses: Liberal, $600; low, $450. Dormitory room, $75 a semester. Board, $80 a semester.

Scholarships: 4.

Employment bureau: Approximately one-half of students earned part of their own expenses.

Dates of beginning and ending sessions: First semester: September 20, 1927 to February 3, 1928; Second semester: February 7 to June 15, 1928.

Publications: Catalog in April. President's report.

Achievements of year ending June 30, 1926: Two new buildings under construction. Established departments of Geology and Geography and Applied Christian Education.

Administrative officers: President, William Gear Spencer; Dean, Clark Lincoln Herron; Dean of Women, Nettie M. Runnals; Dean of Men, David M. Trout; Regis-

trar, Theodosia Beasley. Officer in charge of foreign students, Dean of College.

HIRAM COLLEGE

HIRAM, PORTAGE COUNTY, OHIO

Coeducational. Affiliated with Disciples of Christ.

Chartered in 1850 as Western Reserve Eclectic Institute. Opened in 1830. James A. Garfield, principal 1857–1863. Name changed to Hiram College in 1867.

Self-perpetuating board of trustees; one-fourth of members elected by the alumni.

Endowment, $1,351,000. Income from endowment, $50,750. Income from other sources, $82,000. Annual budget, $134,000. The 75th Anniversary Campaign completed November 27, 1925, secured $1,250,000 for endowment, new buildings and loan funds.

Grounds and Buildings: Total value of ground, 25 acres, $31,700. Total worth of buildings, $451,700. Total value of grounds, buildings and equipment, $577,610. One dormitory for men; 4 dormitories for women.

Library (1900; 1923), 25,000 volumes, including 2,500 government documents.

Laboratories in main building.

Health program: Medical examination of new students. Physical training required of Freshmen and Sophomores.

Admission requirements: 15 units; ranking in upper two-thirds of class.

Degree requirements: 120 hours and 120 quality points, or average of "C" for entire course. Courses prescribed.

Departments and Staff: Biblical Literature: *Professors*, 2; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1. Chemistry: 1, 0, 1. Economics-Sociology: 1, 0, 0. English: 2, 0, 1. Greek: 1, 0, 0. History: 1, 0, 0. Latin: 1, 0, 0. Mathematics: 2, 0, 1. Music: 1, 0, 2. Philosophy: 1, 0, 0. Political Science: 0, 0, 1. Psychology and Education: 1, 0, 0. Public Speaking: 0, 0, 2. Romance Languages: 1, 1, 1.

Enrolment for year ending June, 1926, 377: Men, 186; women, 191.

Degrees conferred, 1926, 60. Degrees conferred since foundation, 1,402.

Fees: Tuition fee based on semester hour: $5 a semester hour. Average annual expense, $600.

Dates: September 19, 1927 to second week in June.

Catalog in March.

Administrative officers: President, Miner Lee Bates; Dean, Arthur J. Culler; Dean of Women, Margaret Rand; Registrar, Fred E. Nessell.

HOBART COLLEGE

GENEVA, N. Y.

Liberal arts college for men, having a coordinate department for women known as William Smith College. Privately controlled; affiliated with the Protestant Episcopal Church.

On April 10, 1822, the Regents of the University of the State of New York approved a plan to raise Geneva Academy to college rank, and granted a provisional charter to Geneva College. Permanent charter granted February 8, 1825. Bishop John Henry Hobart was chief agent in foundation. In 1852 name changed to Hobart Free College; in 1860 to the present form, Hobart College. At the first meeting of the Corporation there was established, in addition to the Classical Course, "another, or English Course." This course, which has been continued since the beginning, and is now known as the Scientific Course, is said to have been the first of its kind established in the United States. In September, 1908, the trustees of Hobart College opened William Smith College for women. This was made possible by a gift of $500,000 by the late William Smith, of Geneva. William Smith College is carried on independently of Hobart College, but by a common faculty.

Board of 23 trustees. President of the College and Bishop of Diocese of Western New York ex officio members. Five members elected by graduates from their own number; and one member elected by graduates of William Smith College from their own number. The remainder chosen by board.

Endowment, $1,226,000. Income from all sources, $193,000 (including annual grants of $8,000 from incorporated societies). Budget for 1926–27, $200,000.

Grounds and buildings: Two dormitories for men (100); 4 for women (85). Grounds, 42 acres, valued at $100,000; the building at $939,912. Total value of buildings, grounds and equipment, $1,168,523.

The Demarest Memorial Library (1885), 80,000 volumes; 25,000 pamphlets; 200 current periodicals. Special collections: Romance Literature Collection of John Safford Fiske of Alassio, Italy.

Laboratories: Trinity Hall (1838; 1901), Physics, value of building, $12,000; equipment, $9,000. Merritt Hall (1879), Chemistry, value of building, $10,000; equipment, $1,100. Smith Hall (1907), Biology and Psychology, value of building, $75,000. Equipment: Biology, $1,400; Psychology, $450.

Smith Observatory (1888): 10-inch refractor.

Health program: Physical examination required at admission. Medical director. Physical training required of Freshmen and Sophomores. Gymnasium (1908) cost $40,000. Athletic field.

Admission requirements: 15 units, including English 3, Foreign Language 4, History 1, Civics ½, Mathematics 2½. Of the 4 units in Foreign Languages prescribed for all courses, 2 units must be in Latin, or 2 in Greek for the A.B. course. 2 additional units in Foreign Languages strongly recommended, making 6 units of which 4 should be in Latin, or 3 in Greek. For A.B. additional requirements include Science, 1 unit. Graduation from an accredited high school. Satisfactory certification by principal required. Intelligence test required.

Degree requirements: For A.B. or B.S.: 124 hours, 225 credits, and a grade above "D" in at least three-fourths of work. Courses of first two years largely prescribed.

General requirements: Chapel attendance required. All students required to room in college dormitories.

Departments and Staff: Bible Instruction: *Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 1. Chemistry: 2, 0, 0. Economics: 2, 0, 0. Education: 2, 0, 1. English: 2, 0, 2. Geology: 1, 0, 0. German: 2, 0, 0. Greek: 1, 0, 0. History: 1, 0, 2. History of Art: 0, 0, 1. Home Economics: 1, 0, 1. Latin: 1, 0, 0. Mathematics: 1, 2, 0. Philosophy: 2, 0, 0. Physical Education: 1, 0, 1. Physics: 1, 0, 1. Psychology: 2, 0, 1. Romance Languages: 2, 0, 2. Sociology: 1, 0, 0.

Enrolment, year ending June 30, 1926, 413: Hobart, 259; William Smith, 154. Number of matriculates since foundation, 4,445. Hobart, 3,893. William Smith, 552.

Degrees conferred year ending June 30, 1926, 82: Hobart, 55; William Smith, 27. Degrees conferred since foundation, 2,255; Hobart, 1,962; William Smith, 293.

Fees: Hobart and William Smith: Registration fee, $5; Tuition, annual, $200; additional tuition charge of $3 a semester hour for all work in excess of 17 hours a semester; Library fee, annual, $15; Physical training fee, annual, $10; Laboratory fees, $5 to $15 a semester; Books, approximately $25 per annum; Graduation fee, $10. Hobart only: Room, annual, $60 to $125; board, $8 a week; athletics and college club, annual, $22. Total annual expenses: Low, $750; liberal, $1,100. William Smith only: Room and board, $500 a year. Total annual expenses: Low, $1,000; liberal, $1,500.

Scholarships: About 100, chiefly for Hobart students, usually not more than $200 each.

Research fund: Department of Psychology, $300 a year.

Employment bureau: 50 per cent of the men and 6 per cent of the women were engaged in part-time employment during the year 1925–26.

Dates of beginning and ending sessions: Third Tuesday in September; second or third Monday in June; in any case not later than June 15.

Publications: Catalog of Hobart College in November. Catalog of William Smith College in December.

Administrative officers: President, Reverend Murray Bartlett; Dean of Hobart College, Milton Haight Turk; Dean of William Smith College, Mary Adelaide (Mrs. Barbour) Walker; Registrar of Hobart College, George Arnold Roberts; Registrar of William Smith College, Mary Genevieve McCarthy.

HOOD COLLEGE

FREDERICK, MARYLAND

Name for bequests: Hood College of Frederick, Maryland.

College for women, controlled and supported by the Reformed Church in the United States.

Organized, 1893, as The Woman's College of Frederick, Maryland, upon foundation and in buildings of the Frederick Female Seminary; chartered, 1897; name changed in 1912 to Hood College of Frederick, Maryland, in honor of benefactors.

Board of 24 directors, 6 each elected by Potomac Synod, and Pittsburgh Synod, of the Reformed Church, 6 elected by these 12, and 6 by the Alumnæ Association from its members.

Expenditures for 1925–26, $300,000. Budget for 1926–27, $315,000. Campaign to bring endowment to $500,000 and for buildings in progress.

6 residence halls (420). Value of grounds (campus, 45 acres; farm, 80 acres), $100,000. Value of 11 buildings, $765,000. Value of grounds, buildings and equipment, $955,000.

Library in Alumnæ Hall (1915), 10,946 volumes; 93 current periodicals.

Laboratories in Alumnæ Hall (1915); present worth, $160,000; value of equipment, $90,000.

Williams Astronomical Observatory (1924): 8-inch refractor.

Health program: Medical and physical examination of new students; physical examination of all students at beginning and end of each year. Infirmary (1925), 25 beds. Athletic fields.

Admission requirements: 15 units, including, for A.B.: English 3, History 1, Algebra 1½, Geometry 1, Language 4 (2 of which must be Latin). For B.S. and B.M., same as for A.B., except that 2 units only of Foreign Language are required, and for B.S., degree only 2 units of Mathematics. Not more than one condition; to be removed within a year.

Degree requirements: For A.B.: 120 semester hours. At least 84 credit hours of C grade (70–79). Major, 21–30 hours. Minor, 12–18 hours. 53 hours prescribed (English 14, Science 6, Mathematics 6, Foreign Language 6, Bible 6, Hygiene 6, Psychology 3). For B.S., concentration requirement is: Chemistry 12, Bacteriology 3, Economics 3, History of Art 4, Home Economics 33. For B.M., concentration requirement includes additional Foreign Language 6, Music Theory 30, Practical Music, 20.

General requirements: Physical education required for 3 years. Chapel required. Residence in college halls required except for students living at home or with immediate relatives.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Art: 0, 0, 1, 1. Biblical History: 1, 0, 0, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 0, 2. Education: 1, 0, 1, 0. English: 2, 0, 1, 3. English: Speech and Dramatic Art: 0, 1, 0, 1. History and Political Science: 1, 1, 0, 1. Home Economics: 1, 0, 0, 3. Mathematics, Physics and Astronomy: 1, 0, 1, 1. Modern Languages: 1, 0, 1, 3. Music: 2, 0, 1, 2. Philosophy and Psychology: 0, 1, 0, 0. Physical Education: 1, 0, 1, 0. Social Science: 0, 0, 1, 0.

Enrolment for year ending June 30, 1926, 488. Total number of matriculates since foundation, 1,563.

Degrees conferred year ending June 30, 1926, 78: A.B., 55; B.S., 22; B.M., 1. Total number of degrees conferred since foundation, 596.

Fees: Tuition for year, $200; graduation fee, $10. Laboratory and other fees approximate $50 in A.B. course; $75 in B.S. course. Board, room, laundry $400 to $500.

Scholarships: 36 scholarships, total annual value, $6,076.

Employment bureau: 54 students earned part of way through college.

Dates of beginning and ending sessions: September 19, 1927; June 1, 1928.

Publications: College bulletin includes catalog and report of officers.

Administrative officers: President, Joseph H. Apple; Dean, Sara C. Lovejoy; Registrar, Katherine S. Arnold.

HOPE COLLEGE

HOLLAND, MICHIGAN

Name for bequests: Council of Hope College.

College of liberal arts and school of music; coeducational; privately owned; under direction of the Reformed Church in America.

Chartered, 1866. Begun as Pioneer School, 1851; Holland Academy, 1857; Theological School separated, 1884; Preparatory School, 1923. Music School begun 1892; organized for Bachelor of Music degree, 1925.

Board of Trustees: 9 at large from General Synod of the Reformed Church in America; 28 from two particular synods. Term of office 6 years; election by represented synods.

Endowment, $807,000. Income from endowment, $46,000. Income from other sources, $56,000. Total annual expenditures year ending June 30, 1926, $86,000. Budget, 1926–27, $120,000.

Grounds and buildings: One residence hall for men (25); one for women (100). Total value of grounds, 16 acres, $125,000. Total present worth of buildings, $500,000. Total value of grounds, buildings and equipment, $750,000.

Library (1892), 30,000 volumes, including 1,000 government documents; 50 current periodicals.

Science Building (1903): $150,000; Chemistry, Biology, Physics.

Gymnasium.

Admission requirements: 15 units from State high schools; 16 from affiliated academies; one condition allowed; must be removed within one semester.

Degree requirements: 120 hours plus 10 hours of religious education and public speaking. Five groups.

General requirements: Daily chapel attendance required. One semester physical education.

Departments and Staff: Biblical Education: *Professors*, 1; Biology: 1 *and assistants;* Chemistry: 1 *and assistants;* Dutch: 1; Education: 1 *and assistants;* German: 1; Greek: 1; History: 2; Latin: 1; Mathematics: 1 *and assistants;* Philosophy: 1; Physics: 1; Political Science: 1 *and assistants;* Voice: 2; Piano: 2; String: 2; Public Speaking: 2.

Enrolment for year ending June 30, 1926, 674.

Degrees conferred year ending June 30, 1926: A.B., 94; D.D., 3; L.H.D., 1; LL.D., 1.

Fees: Tuition, $60 a year; graduation, $10; laboratory, $1.50 to $10. Average annual expenses, $500.

Dates of beginning and ending sessions: Third Wednesday in September; third Wednesday in June.

Catalog in quarterly bulletin.

Administrative officers: President, Edward D. Dimnent; Dean of Men, John B. Nykerk; Dean of Women, Winifred H. Durfee; Registrar, Thomas E. Welmers; Officer in charge of foreign students, Harry J. Hager.

HOWARD COLLEGE

BIRMINGHAM, ALABAMA

College for men and women. Owned and controlled by the State Convention of Alabama Baptists.

Chartered 1841, and named in honor of John Howard, English reformer. Opened at Marion, Alabama, in 1842. Moved to Birmingham, Alabama, 1887. Became coeducational in 1913. Summer school established 1915.

Board of 27 trustees, 24 of whom are elected directly by Alabama Baptist Convention, and 3 of whom are elected by the alumni.

Endowment: $750,000. Budget, $150,000.

Grounds and buildings: Grounds, 80 acres and 13 buildings, valued at $500,000.

Library: 20,000 volumes.

A. D. Smith Science Hall (1922). Value of scientific apparatus, $30,000.

Health program: College physician; medical supervision. Athletic field.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Science 1. Admission is by certificate and by examination. Admission examinations at opening of autumn semester.

Degree requirements: For A.B.: 120 semester credits earned during 4 years of residence. Prescribed courses in Freshman and Sophomore years; a major (24 semester

hours) and a minor subject (18 semester hours) in allied departments. Thesis based on the major required. The sum of quality credits must be at least equal to the sum of quantity credits. In Chemical Engineering, Chemistry and Metallurgy, and Business Administration and Commerce all courses are prescribed. The A.M. degree granted for work pursued in summer session in School of Education. Minimum residence requirement: Three summer sessions of 12 weeks each. Graduate students required to pursue 3 allied subjects for 36 weeks, and to present thesis.

Attendance at assembly required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 3. Bible and Church History: 1, 0, 0, 0. Chemistry: 2, 0, 0, 1. Economics and Business Administration: 1, 0, 1, 1. Education: 1, 1, 0, 0. English: 2, 0, 1, 2. German: 0, 0, 0, 1. History: 1, 1, 1, 0. Mathematics: 1, 1, 0, 1. Music: 1, 0, 0, 3. Physical Education: 1, 0, 0, 2. Physics: 1, 0, 0, 0. Religious Education: 1, 0, 0, 0. Romance Languages, 2, 1, 0, 2.

Enrolment for the year ending June 30, 1926, 712.

Degrees conferred, 1926, 109. Total number of degrees conferred, 1,098.

Fees: Annual fee, $115. Approximate cost of board and room, $275. Graduation fee, $10. Laboratory fees, each semester, $2.50 to $15.

Scholarships: 10 scholarships of $60 each; 10 scholarships of $100 each; 4 scholarships of $500 each a year for 4 years; 1 scholarship covering actual college expense. In addition, several scholarships of varying amounts furnished each year by local organizations.

Employment bureau: 40 per cent of the men do some form of work.

Dates of beginning and ending sessions: First Tuesday in September. Second semester: Monday following close of first semester to last week of May.

Summer session: Second week of June; 12 weeks divided into two terms of 6 weeks each. 109 courses given by 45 members of the faculty. Attendance, 1925, 947.

College extension: Classes in down-town centers in afternoon and evening. Attendance, 1925–26, 150.

Publications: Annual catalog in April. Howard College Studies (by members of the faculty) published irregularly; 5 volumes issued between June, 1922, and December, 1926.

Achievements of year ending June 30, 1926: Gift of $100,000 for endowment by Erskine Ramsey of Birmingham, Alabama; $350,000 raised in city campaign in Birmingham in March, 1926, for endowment; campaign inaugurated for fall of 1926 throughout the State of Alabama for an additional $250,000 for endowment.

Administrative officers: President, John Charles Dawson; Vice-President, Theophilus Randolph Eagles; Dean, Percy Pratt Burns; Registrar, Bennie Spinks; Officer in charge of foreign students, Hulcee Acton.

HOWARD UNIVERSITY

WASHINGTON, D. C.

Non-denominational, coeducational university attended chiefly by negroes and comprising Schools of Liberal Arts, Education, Religion, Law, Medicine, Dentistry and Pharmacy.

Howard University seems to have originated in a missionary meeting on November 17, 1866 at the First Congregational Church of Washington. Assistance was secured from the Freedmen's Bureau. Institution named for General Oliver Otis Howard active in its promotion and Commissioner of the Freedmen's Bureau.

Chartered by Congress, 1867. On May 1, 1867, the Normal and Preparatory Departments opened with 5 students in a rented frame building on W Street. Congress appropriated $10,000 toward current expenses in 1879, and in subsequent years the appropriation has been increased.

There are 24 members of the board of trustees of Howard University, 8 of whom are elected every year for a period of 3 years.

Financial Resources: Endowment, $592,532.90. Income from endowment, $30,060.43. Income from other sources: Students fees, $187,475.72; Federal Government appropriation, $392,131.37; donations, $11,-

611.41; miscellaneous, $61,498.10. Total income, $682,777.03. Total annual expenditures, year ending June 30, 1926, $700,018.-22. Budget, 1926–27, Expenditures: For current expenses, $510,000; for buildings, $369,588.83; total, $879,588.83. Notable financial items (1925–26): Raising of $101,-832.92 for endowment funds, chiefly Medical Endowment Fund as result of campaign; completion of Gymnasium and Stadium at cost of about $300,000, of which $197,-500 was appropriated by Federal Government.

Grounds and buildings: 3 residence halls (450). Total value of grounds, 20 acres, $744,097.54. Total present worth of buildings: $1,036,026.61. Total value of grounds, buildings and equipment, $277,145.97.

Library (1911), 43,000 volumes, including government documents about 1,000; 226 current periodicals. Special collections: Negro Americana, about 2,500 volumes.

Laboratories: Thirkield Science Hall (1910) for all graduate and undergraduate laboratories, except some professional laboratories conducted in Medical and Dental buildings. Present worth, $83,000.

Health program: Gymnasium and Stadium (1926) cost $300,000. College physician. Medical inspection of all Freshmen at entrance.

Admission requirements: Applicants for unconditioned admission to the Freshmen class must present 15 secondary units, including English 3, Algebra 1, Geometry 1, one Foreign Language 2 or Science 2 or History 2. One condition allowed; must be removed in Freshman year.

Degree requirements: 36 academic units. 1 unit of Public Speaking, Physical Education during 3 years, and 1 unit in Freshman lectures are required. 1 academic unit equals 3⅓ semester hours.

Degree requirements: For B.A., B.S. or B.S. in Commerce, 36 college units or 120 semester hours not more than one-sixth of which may be of grade D, the lowest passing grade, and of which 40 semester hours must be of senior college rank. For B.S. in Chemistry, 41 college units or 136⅔ semester hours. In College of Applied Science: Architecture, 208.3 semester hours; Art, 160.7; Civil Engineering, 165; Electrical Engineering, 161.7; Mechanical Engineering, 158.3; Home Economics, 135. Courses largely prescribed. Thesis required in Art and Civil Engineering. For B.Mus. prescribed work in Music, 3 units of English, including Public Speaking, 1 unit of Psychology, 4 units of Foreign Language. In only rare instances is this degree attained in 4 years. School of Religion: For B.D., satisfactory completion of 3-year course of advanced study. For Th.B., satisfactory completion of 4-year course of college-grade study. School of Law: For LL.B., 3-year course of study and passage of examinations with a rating of at least 65 per cent in subjects prescribed for curriculum. For M.D. and D.D.S., 4-year prescribed course. For Ph.C., 3-year prescribed course. For B.S. in Pharmacy, 4-year prescribed course.

General requirements: Physical education required of all Freshmen, Sophomores, and Juniors. Military training required of Freshmen and Sophomores. All young women whose homes are not in Washington should room in dormitories on the campus. All male Freshmen whose homes are not in Washington must room in the dormitory unless excused by request of parent or guardian.

Departments and Staff: Architecture: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 3. Art: 1, 0, 1, 3. Art, History of: 0, 0, 1, 3. Botany: 0, 1, 0, 0. Chemistry: 1, 0, 1, 2. Civil Engineering: 1, 0, 0, 1. Economics and Commerce: 2, 0, 0, 0. Education: 9, 3, 4, 2. Electrical Engineering: 0, 0, 0, 1. English: 3, 2, 0, 2. Geology: 1, 0, 0, 0. German: 1, 0, 0, 0. History: 3, 0, 0, 2. Home Economics: 1, 0, 0, 2. Latin: 1, 0, 0, 0. Mathematics: 3, 0, 0, 0. Mechanical Engineering: 1, 0, 0, 2. Military Science and Tactics: Lieutenant-Colonel 1, Captains 3, Warrant Officer 1, Sergeants 2. Philosophy: 0, 0, 0, 1. Physics: 2, 0, 0, 0. Political Science and Government: 2, 0, 0, 0. Psychology: 0, 0, 1, 0. Romance Languages: 0, 2, 0, 2. Sociology: 2, 0, 0, 1. Zoology: 1, 0, 0, 2. School of Religion: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 4. School of Law: 12, 0, 0, 0. School of Medicine:

21, 4, 6, 6. School of Dentistry: 2, 2, 0, 6. College of Pharmacy: 5, 1, 2, 1.

Enrolment year ending June 30, 1926, 2,155. Colleges: Liberal Arts, 963; Education, 463; Applied Science, 86; Music, 72; Professional Schools: Religion, 48; Law, 91; Medicine, 226; Dentistry, 101; Pharmaceutical, 73. Special students in Music and Religion, 90. Total, excluding duplicates, 2,155.

Degrees conferred year ending June 30, 1926, 305. Total number of degrees conferred since foundation, 7,113.

Fees: Matriculation, $5; tuition, academic departments, $40 a quarter; tuition, Medical College, $200 a year; Dental College, $175 a year; Pharmaceutical College, $150; Law School, $125 a year; School of Music, $80 a quarter; athletic and library fee, all professional departments, $7.50 a year; graduation fee, $7; board, $20; lodging, $24 a quarter ($2 additional for men). Annual expense (College): Low, $450; liberal, $650.

Scholarships, 35 (about $99 each). Various fellowships ($150 to $500 each). Fellows must undertake graduate work leading to a Master's degree.

During the year 1925–26 the percentage of women students earning their way through college was 5½ per cent. Approximately 80 per cent of the men are self-supporting.

Dates of beginning and ending sessions: Autumn quarter, September 26, 1927 to December 22, 1927; winter quarter, January 3, 1928 to March 20, 1928; spring quarter, March 21, 1928 to June 8, 1928.

Summer session: June 18 to August 15, 1928. In 1925 19 departments offered 79 courses. Attendance, 1925, 169.

University extension: Adult education, 76; special or unclassified students, 107. School of Religion offers correspondence courses. Evening classes: Autumn quarter, 1925, 102 students.

Annual catalog in April. President's Annual Report in June.

Achievements of year ending June 30, 1926: Completion of $200,000 Gymnasium and athletic field; ground broken for $500,000 Medical School building.

Administrative officers: President, Mordecai W. Johnson; Dean, School of Liberal Arts, D. W. Woodard; Dean, School of Education, D. O. W. Holmes; Dean, School of Applied Science, H. D. Hatfield; Dean, School of Medicine, E. A. Balloch; Dean, School of Law, F. W. Booth; Dean of Women, Lucy D. Slowe; Dean of Men, W. B. West; Registrar, F. D. Wilkinson.

HUNTER COLLEGE OF THE CITY OF NEW YORK

695 PARK AVENUE, NEW YORK CITY

A college for women, under municipal control. Undenominational.

Founded in 1870; chartered as a college in 1888; assumed the name of Hunter College in 1914 in honor of its first president.

Board of 9 trustees appointed by the Mayor, together with the President of the College, and President of Board of Education, each ex officio.

Supported by funds appropriated by the City of New York. Appropriation for year 1926, $1,186,726.85.

Grounds and buildings: Two buildings occupy 2 acres in a residential part of the city. Value of grounds and buildings, $4,500,000.

Library: 28,000 volumes.

Laboratories: Value of scientific equipment, $25,000.

Museum: Anthropology and Ethnology; Geology; Zoology.

Health program: Medical examination required. Physical education required in Freshman and Sophomore years.

Admission requirements: Legal residence in the City of New York; Regents or College Entrance Board or Hunter College Entrance Examination grades of 70 per cent or better in 15 units, including English 3, Foreign Language 3, a second Foreign Language 2, Algebra 1, Geometry 1, Science 1, History 1. No conditions allowed.

Degree requirements: 4 years attendance; 125 credits. Major, 24 credits; minor, 18 credits; prescribed courses, 46 credits; optional courses, 37 credits.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 2; *Instructors*, 2. Biological Sciences: 1, 3, 2, 3. Chemistry: 1, 2, 2, 3. Classics: 1, 3, 2, 8. Education: 1, 2, 9, 6. English: 1, 1, 8, 12. Geology: 0, 1, 1, 2. German: 1, 1, 4, 8. History: 1, 4, 1, 9. Mathematics: 1, 1, 3, 5. Music: 1, 0, 3, 2. Physical Education: 0, 0, 1, 3. Physics: 1, 0, 1, 4. Physiology and Hygiene: 1, 0, 0, 4. Romance Languages: 1, 1, 2, 5. Speech and Dramatics: 0, 1, 2, 8. In addition: *Tutors*, 15; *other assistants*, 16.

Enrolment for year ending June 30, 1926, 2,929. Total number of matriculates since foundation, 25,931.

Degrees conferred year ending June 30, 1926, 243: B.A., 241; B.S., 1; M.A., 1. Total number of degrees conferred since foundation, 8,454.

Fees: Tuition, textbooks and other supplies are furnished without cost to students. Students live with their families.

Bureau of Occupations: Approximately 30 per cent of the students obtained positions through bureau. Earnings reported: $36,195.54. Number of students reporting: 783. Positions filled, 1,797.

Dates of beginning and ending sessions: First semester, September 20, 1927 to January 27, 1928. Second semester: February 2, 1928 to June 14, 1928.

Summer session: July 2 to August 10, 1928. In 1926, 18 departments offered 121 courses. Attendance, 1925, 1,758.

University extension: Evening and extension courses offered for matriculated and non-matriculated students. Special courses for teachers. Graduate courses offered in various departments. Branches maintained in all boroughs of the city.

Catalog in spring.

Achievements of year ending June 30, 1926: Branch in Brooklyn authorized to begin in September, 1926. A request for about $6,000,000 for rebuilding now before the City Board of Estimate and Apportionment.

Administrative officers: President, George Samler Davis; Dean, Annie E. Hickinbottom; Registrar, Lillian M. Snow.

HURON COLLEGE

HURON, SOUTH DAKOTA

Coeducational college. Affiliated with Presbyterian Church.

Organized by Presbytery of Southern Dakota in 1883, in Pierre, South Dakota. Consolidated with Scotland Academy; from Northwestern Railway received four blocks of city property for a campus; from citizens of Huron a building; as Huron College opened in 1898.

Board of 33 trustees elected by Synod of South Dakota.

Endowment: $820,000. Income from endowment, $46,000. Income from other sources, $8,000. Total annual expenditures year ending June 30, 1926, $115,000. Budget, 1926–1927, $117,000. Gifts of $250,000. Completed $150,000 Gymnasium and Auditorium Building. Paid off debts which amounted to about $140,000.

Grounds and buildings: Total value of grounds, 18 acres, $170,000. Total present worth of 4 buildings, $390,000. Total value of grounds, buildings and equipment, $580,000.

Library: 15,000 volumes.

Health program: Gymnasium (1925) cost $150,000. Physical training required of Freshmen and Sophomores.

Admission requirements: 15 units, including English 3 or 4, American History and Government 1, Algebra 1, Plane Geometry 1, Science 1.

Degree requirements: A.B.: 2 years of Ancient Language; a major of 30 hours chosen from English, History and Political Science, Psychology and Education, Psychology and Philosophy, Latin, Greek, Social Science, combined majors in English and Public Speaking, and Latin and French. A combined major requires 40 hours. B.S.: 2 years of Modern Language major of 30 hours, or combined major of 40 hours, chosen from Physics, Mathematics, Economics, Chemistry, Biology, or a combined major of 40 hours in laboratory science. B.M., entrance credits as for A.B. or B.S. A minimum of 64 hours work from college courses. Two courses required in Bible

For the 64 hours required in Music: major 32 hours, theory 14, music history 4, minor 8.

Daily chapel attendance required.

Departments and Staff: Accounting: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Bible and Religious Education: 1, 0, 0, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Economics: 1, 0, 0, 0. English: 1, 0, 0, 2. Expression: 0, 0, 0, 1. French: 0, 0, 0, 1. German: 0, 0, 0, 1. Greek and Latin: 1, 1, 0, 0. History: 1, 0, 0, 0. Mathematics: 1, 0, 0, 0. Music: 0, 0, 0, 4. Physical Training: 0, 0, 0, 2. Physics: 1, 0, 0, 0. Psychology and Education: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 320; Music, 171. Total number of matriculates since 1915, 2,174.

Degrees conferred year ending June 30, 1926, 32. Total number of degrees conferred since foundation, 310.

Fees: Annual college tuition, $120; approximate cost board and room, $300; laboratory fees, $5–$6 a course; physical training fee, $3; student association fee, $6.

Scholarships: 6 of $100 each; 1 of $120.

Two-thirds of students work a part of their way through college.

Dates of beginning and ending sessions: First semester, September 17, 1927; January 27, 1928. Second semester, January 30; June 14, 1928.

Summer session: June 15 to July 26, 1928. 5 departments offering instruction. Attendance, 1925, 158.

Publications: Catalog in April. President's report in June and October.

Achievements of year ending June 30, 1926: Campaign for $500,000 for endowment and building completed.

Administrative officers: President, George Shannon McCune; Dean of Men, Homer A. Hill; Dean of Women, Nellie Brown Sinclair; Registrar, Ella McIntire.

IDAHO, COLLEGE OF

See: College of Idaho.

IDAHO, UNIVERSITY OF

See: University of Idaho.

ILLINOIS COLLEGE

JACKSONVILLE, ILLINOIS

Name for bequests: The Trustees of Illinois College.

College, coeducational. Privately controlled. Non-sectarian with Presbyterian affiliation.

Founded in 1829 by "Yale Band," a group of young Yale graduates co-operating with a local group. First President was Edward Beecher, brother of Henry Ward Beecher. Graduated first college class in State of Illinois. Prominently identified with anti-slavery movement in Illinois.

Self-perpetuating board of 25 trustees.

Endowment, $1,105,869.68. Income from endowment, $59,769.08. Income from other sources, $85,964.46. Total annual expenditures year ending May 15, 1926, $141,690.94. In addition to foregoing $300,000 subscribed toward a new building and endowment fund.

Grounds and buildings: Total value of grounds (22 acres), $112,735. Total present worth of buildings, $210,300. Total value of grounds, buildings and equipment, $392,660. Beecher Hall, erected in 1829—first college building in State of Illinois.

Library (1896), 25,000 volumes, 35 current periodicals. Literary societies also have libraries.

Laboratories: Sturtevant Hall (1857): Biology and Chemistry. Present worth of building, $51,000; equipment, $32,600.

Health program: Entering Freshmen examined by physician. Gymnasium (1891), $18,700.

Admission requirements: 15 units, including English 3, a Foreign Language 2, History 1, Mathematics 2, Science 1.

Degree requirements: 126 semester hours; 126 honor points. Major of 24 hours; minor of 12 hours, addition to minimum requirements in department.

Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 0, 1. Economics: 1, 0, 0. English: 1, 0, 3. Greek and Latin: 1, 0, 1. History: 2, 0, 0. Mathematics: 1, 0, 3. Modern Languages: 1, 1, 2. Philosophy and Biblical

Literature: 1, 0, 0. Physical Education: 1, 0, 1. Psychology and Education: 1, 0, 0.

Enrolment for year ending June 30, 1926, 395: Men, 238; women, 117. Conservatory of Music, 171. Total number of matriculates since foundation, about 7,000.

Degrees conferred year ending June 30, 1926, 50.

Fees: Tuition, $75 a semester; graduation, $10; room and board, men, $120; women, $162.50. Annual expenses: Liberal, $800; low, $500.

Scholarships: About 150 annually.

Employment bureau: Students who earned way through college during year ending June 30, 1926: Men, 66; women, 45. Total earnings reported to office, $22,000.

Dates of beginning and ending sessions: September 16, 1927; June 13, 1928.

Publications: Catalog in March. President's report in July.

Administrative officers: President, Charles H. Rammelkamp; Dean, George H. Scott; Dean of Women, Mrs. Nellie Taylor Raub; Registrar, George H. Scott. Officer in charge of foreign students, President C. H. Rammelkamp.

ILLINOIS, UNIVERSITY OF

See: University of Illinois.

ILLINOIS WESLEYAN UNIVERSITY

BLOOMINGTON, ILLINOIS

Name for bequests: The Trustees of the Illinois Wesleyan University.

Coeducational college.

Organized 1850. Opened in 1851. Suspended work in 1854 for lack of funds; reopened in 1855; suspended in 1856 for lack of funds; reopened in 1867.

Joint board of 37 trustees and 12 official visitors elected at annual sessions of the Illinois and Central Illinois Conferences of Methodist Episcopal Church.

Endowment, $1,264,442.21. Income from endowment, $34,381.32. Income from tuition and fees, $164,369.54. Income from Public Education Collection, $7,558.34. Gifts, $7,102.18. From other sources, $10,988.13. Total income, $224,399.51. Total annual expenditures year ending June 30, 1926, $250,957.20. Budget, 1926–27, $259,849.24.

Total value of grounds (6 acres), $96,630. Total value of buildings, $533,000. Total value of grounds, buildings and equipment, $755,530.

Buck Memorial Library (1923), 26,100 volumes, including 4,976 government documents; 7,085 pamphlets; 108 current periodicals.

Science Hall (1910) valued at $50,000; Biology, Chemistry, Physics. In main building, Home Economics and Geology.

Major John Wesley Powell Museum: Ethnology, American Indians; Lichtenthaler Collection of Shells; Harrison Collection of Fossils; Weems Archæological Collection; Holder Collection of Birds; Vasey Herbarium.

Health program: Required physical examinations for Freshmen. Memorial Gymnasium (1921), cost, $202,000. Athletic field, infirmary.

Admission requirements: 15 units, including English 3, Algebra 1, Geometry 1.

Degree requirements: 124 semester hours. Not more than 24 hours of "D" grade allowed. A major of 24 semester hours in one department; a minimum of 16 in a related subject; foreign language; group requirements in humanities and sciences.

General requirements: Physical culture required during Freshman and Sophomore years. Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 1. Chemistry: 1, 1. Classical Languages: 1, 0. Economics: 1, 1. Education and Religious Education: 1, 1. English: 2, 3. English Bible: 1, 0. Geology: 1, 0. History: 1, 1. Home Economics: 1, 1. Mathematics: 1, 1. Modern Languages: 1, 4. Philosophy: 1, 0. Physical Education: 1, 2. Physics: 1, 0. Public Speaking: 1, 2. Sociology: 1, 0.

Enrolment for year ending June 30, 1926: Liberal arts, 645: Men, 324; women, 302. Total, including special music students, 1,084.

Degress conferred year ending June 30, 1926, 112: A.B., 43; B.S., 50; LL.B., 27; B.Mus., 12. Total degrees conferred since foundation, 2,249.

Fees: Tuition, $100 a semester; matriculation fee, $10; graduation fee, $10; laboratory fees, $3 to $10 a semester. Charge for lodging and board, $150 a semester. Annual expenses: Liberal, $680; low, $500.

Scholarships: Awards not exceeding $100 each amount to $15,000 annually.

Employment bureau: 20 per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: First semester, September 10, 1927 to January 31, 1928. Second semester, February 6 to June 12, 1928.

Catalog in March.

Achievements of year ending June 30, 1926: Annuity gift estimated at $100,000. Completion of conditions of General Education Board, gift of $135,000 increasing endowment by $400,000. Adoption of 5-year plan for campaign for $2,000,000 for endowment, sustentation, and buildings.

Administrative officers: President, William J. Davidson; Vice-President, Wilbert Ferguson; Dean, College of Liberal Arts, William Wallis; Dean of Women, Frances E. Napier; Dean of School of Music, A. E. Westbrook; Registrar-Bursar, Cliff Guild.

ILLINOIS WOMAN'S COLLEGE

JACKSONVILLE, ILLINOIS

College for women. Privately controlled. Title of the corporation vested in the Illinois Annual Conference of the Methodist Church.

1846, Board of Trustees appointed by Illinois Annual Conference of Methodist Episcopal Church. 1847, incorporated as Illinois Conference Female Academy. 1852, name changed to Illinois Conference Female College. 1863, name changed to Illinois Female College. 1899, name changed to Illinois Woman's College. 1909, first degrees granted.

Board of 24 trustees nominated by Illinois Annual Conference Methodist Episcopal Church, but elected by the board.

Endowment, $629,654. Income from endowment, $38,156. Total annual expenditures year ending June 30, 1926, $122,718.

Grounds and buildings: 6 acres; 5 buildings; dormitories for 250 women.

Library, 13,600 volumes; 64 current periodicals.

Science Building under construction.

Health program: Student entering must submit a certificate of health from family physician. Medical and physical examination of entering students. Gymnasium; athletic field. Infirmary.

Admission requirements: 15 units. One condition allowed; must be removed within one year.

Degree requirements: For bachelor's degree, 120 academic hours plus 6 hours of Physical Education. Approximately three-fourths of the work must be of B grade or better. Prescribed courses: 64 hours. One major, 24 hours; a minor, 12. Two majors are suggested, although not printed in the catalog. Arrangement of required courses calls for bulk of work amounting to 92 hours coming from the three major classifications.

General requirements: Chapel attendance required. Students from out of town must room in the college dormitories.

Departments and Staff: Art: *Professors*, 2; *Assistant Professors*, 0; *Instructors*, 0. Bible and Religious Education: 1, 0, 0. Biology: 1, 0, 1. Chemistry: 1, 0, 1. Education, Psychology and Philosophy: 1, 0, 0. English: 1, 1, 2. History and Social Science: 1, 0, 1. Home Economics: 1, 0, 1. Latin: 1, 0, 0. Mathematics and Physics: 1, 0, 1. Music: 1, 0, 4. Physical Education: 1, 0, 2. Public Speaking: 1, 0, 2. Romance Languages: 2, 0, 1. Secretarial: 0, 0, 1.

Enrolment for year ending June 30, 1926, 600: College, 302; Music Department, 300; Physical Education, 50.

Degrees conferred year ending June 30, 1926, 31. Total number of degrees conferred since foundation, 293.

Catalog in January.

Fees: Tuition for the year, $200; fees, $30. board and room, $350. Highest expense in college course, $700; lowest expense, $630.

Dates of beginning and ending sessions: First semester: middle of September; first of February. Second semester: closes first week in June.

Administrative officers: President, Clarence Paul McClelland; Dean, Olive Lillian Austin; Registrar, Albert C. Metcalf.

INCARNATE WORD COLLEGE

BROADWAY, SAN ANTONIO, TEXAS

College for women; privately controlled by the Congregation of the Sisters of Charity of the Incarnate Word.

Chartered in 1881. Confirmed in 1909.

Self-perpetuating board of trustees.

Income: Tuition fees amounting yearly to $150,000.

Grounds and buildings: Total value of grounds (230 acres), 6 buildings and equipment, $1,535,000.

Library (1922), 10,828 volumes, including 320 government documents; 18 current periodicals.

Laboratories: Science Hall (1926) cost $50,000. Value of equipment in principal departments: Physics, $7,000; Chemistry, $5,050; Biology, $2,800; Bacteriology, $3,800.

Health program: Gymnasium; outdoor swimming pool; athletic fields. Two years of physical training required. Infirmary; trained nurse.

Admission requirements: 15 units, including English 3, Algebra 2, Geometry (Plane) 1, History 2, Foreign Language 2. Foreign Language may be made up provided candidate presents 15 acceptable units.

Degree requirements: 126 semester hours; average grade of "C" in entire course. Prescribed courses: Religion 6 semester hours (required of Catholic students), Philosophy 6, English Composition and Literature 12, History 6, Foreign Language 12, Mathematics 6, Science 12, Economics or Government 6. Major and minor subjects. 30 semester hours of advanced work.

Attendance required at public religious services.

Departments and Staff: Classical Languages: *Professors*, 1; *Instructors*, 1. Education: 1, 0. English: 2, 0. History and Social Science: 1, 1. Mathematics: 1, 0. Modern Languages: 1, 2. Music: 2, 0. Philosophy and Religion: 1, 0. Science: 1, 1.

Enrolment for year ending June 30, 1926, 350.

Degrees conferred year ending June 30, 1926, 21. Total number of degrees conferred since foundation, 81.

Fees: Tuition, natatorium, library and athletic fees, $50 a term; matriculation, $5; graduation, $20; laboratory, $7 a term. Charge for lodging and board, $70 a term. Annual expenses: Liberal, $145 a term; low, $70 a term.

Scholarships: 4.

Dates of beginning and ending sessions: September 14; June 1.

Summer session: June 3–July 17. Attendance, 1925, 600.

Catalog in June.

Administrative officers: President, Mother M. Columkille; Registrar, Sister Mary Gabriel.

INDIANA UNIVERSITY

BLOOMINGTON, INDIANA

State University; coeducational.

Chartered as a State Seminary in 1820; opened in May, 1824, with an attendance of 10 boys. Became a college in 1827; a university in 1838. Women admitted in 1867.

Control: Board of 13 trustees; 8 elected by Alumni; 5 by State Board of Education. No two may reside in the same county except in the case of Monroe County (local), which may have 2 members.

Organization: University comprises a College of Arts and Sciences; a School of Commerce and Finance (1920); a School of Education (1923); a School of Law (1842); and a School of Music (1921)—all in Bloomington; and a School of Medicine (1908); a School of Dentistry (1925); and a Training School for Nurses—in Indianapolis.

Financial resources: In its earlier days, funds of the University were derived from proceeds of sale of lands, from gifts, and from fees paid by students. This not proving sufficient annual appropriations were made by the State. Total income from all sources, $1,480,347. Total expenditures: $1,457,320. By the law of 1925 budget appropriation plan adopted. Budget appropriation for biennium, beginning October 1,

1925, $1,050,000 a year for general operating expenses; $325,000 for capital outlay (addition to Library); $75,000 for one year and $50,000 for the next year for operating expenses and equipment of James Whitcomb Riley Hospital for Children; $65,000 for School of Medicine and Robert W. Long Hospital (of which at least $50,000 is for maintenance of hospital). The Indiana Dental College, bought after appropriation was made, is not included in the above.

Grounds and buildings: 2 dormitories for women (315); 1 for men (100). Value of grounds (138 acres), $787,000. Present worth of buildings, $4,681,059. Total value of grounds, buildings and equipment, $6,318,059.

Library (1908, 1926). General library, 176,052 volumes; Law library, 17,500; Medicine, 5,100; Dentistry, 1,118. Number of periodicals at Bloomington, 1,900; at School of Medicine, 104. Special collections: International Law, 2,160 volumes; Mathematics, 1,600 volumes, exclusive of pamphlets and periodicals; Greek and Latin authors; English Literature (Middle English, Elizabethan, and Eighteenth Century); French Literature.

Laboratories: Owen Hall (1911): Anatomy and Physiology. Wylie Hall (1884, 1900): Chemistry and Home Economics. Science Hall (1902): Physics, Psychology and Geology. Biology Hall (1910): Botany and Zoology. Present value of buildings: $541,250. Equipment: $243,000.

Kirkwood Observatory: 12-inch refractor.

Health program: Gymnasiums for men and women. $250,000 stadium (1925). Total value of gymnasium, stadium and courts, $500,000. Infirmary. 2 resident physicians. All Freshmen women are examined at entrance, and all Freshmen and Sophomore men when they enroll for military training.

Admission requirements: 16 units, including English 3, Mathematics 2, Foreign Language 2, Science 1. Conditions must be removed within 12 months from date of admission.

Degree requirements: For baccalaureate degrees 124 credit hours with 120 credit points. Prescribed courses: English composition, 4 semester hours; Hygiene, 1; Language, 20; group consisting of Mathematics and Natural Science, 20; History, Political Science, Economics, Literature, Fine Arts, etc., 14; Military Training or Physical Education, 4. Every candidate for A.B. required to select work amounting to 50 hours in a group consisting of one major and one or more allied minors.

Departments and Staff: College of Arts and Sciences: Anatomy: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Astronomy: 1, 0, 0, 0. Botany: 3, 1, 1, 2. Chemistry: 4, 1, 2, 0. Comparative Philology: 1, 0, 0, 1. Economics and Sociology: 3, 0, 4, 2. English: 5, 6, 3, 12. Fine Arts: 0, 1, 1, 0. Geology: 3, 3, 0, 2. German: 2, 0, 3, 3. Greek: 1, 0, 0, 0. History: 2, 3, 2, 1. Home Economics: 1, 1, 2, 2. Hygiene: 1, 0, 0, 0. Journalism: 1, 1, 1, 2. Latin: 2, 1, 0, 1. Mathematics: 4, 1, 3, 1. Military Science and Tactics: 1, 0, 6, 2. Physical Education: 2, 0, 6, 2. Physics: 3, 0, 1, 1. Physiology: 1, 1, 0, 1. Political Science: 2, 1, 1, 0. Psychology and Philosophy: 6, 0, 1, 2. Romance Languages: 3, 4, 4, 10. Zoology: 2, 1, 0, 0. Commerce and Finance: 1, 1, 2, 2. Education: 2, 3, 3, 1. Law: 3, 2, 1, 0. Music: 3, 0, 2, 2. Medicine: *Professors*, 2 full time, 26 part time; *Associate Professors*, 8 part time; *Assistant Professors*, 3 full time, 13 part time; *Instructors*, 2 part time. Dentistry: *Professors*, 1 full time, 6 part time; *Associate Professors*, 7 part time; *Assistant Professors*, 7 part time; *Instructors*, 11 part time. Nurses: *Director*, 1; *Associate Professors*, 0; *Assistant Director*, 1; *Instructors*, 2. See also Chapters V–VI.

Enrolment year ending June 30, 1926 (summer not included): 4,503: Men, 2,602; women, 1,901. Arts and Sciences: 2,698: Men, 1,405; women, 1,293. Commerce and Finance: 207: Men, 176; women, 31. Dentistry: 373: Men, 371; women, 2; Education: 311: Men, 47; women, 264. Graduate: 209: Men, 125; women, 84. Law: 97: Men, 96; women, 1. Medicine: 385: Men, 375; women, 10. Music: 79: Men, 7; women, 72. Nurses: 144 women.

Degrees conferred year ending June 30, 1926, 855: B.A., 376; B.S. in Medicine, 69; B.S. in Home Economics, 9; B.S. in Com-

merce, 92; B.S. in Education, 3; B.P.S.M., 1; B.M., 1; LL.B., 22; J.D., 1; G.N., 17; M.A., 76; M.S., 3; D.D.S., 84; M.D., 80; M.D. Cum Laude, 13; Ph.D., 8. Degrees conferred since 1910, 7,845.

Fees: Legal residents of Indiana pay a contingent fee of $30 a semester; School of Law and in School of Commerce and Finance, $37.50 a semester; School of Medicine, $87.50 a semester. Students not legal residents of Indiana pay an additional fee of $17.50. School of Medicine, $37.50 additional. "Activities" fee, $5 a semester. Seniors pay $5 for University Annual; Juniors pay $10. Fee for any degree is $5 except in School of Dentistry, in which the fee is fixed by law at $15. Annual expenses: Low, $400; liberal, $600.

Scholarships and fellowships: 6 University Fellowships of $600 each. Lawrence Fellowship in Astronomy, $600 a year and traveling expenses to Observatory at Flagstaff, Arizona. Fellowship in Clinical Psychology, $600, supported by the Bloomington Local Council of Women, awarded to one graduate woman student, who is designated as official social service investigator for Psychological Clinic of University in work with Bloomington children. 2 Fellowships in Chemistry offered by the Grasselli Chemical Company of Cleveland, Ohio. 3 Fellowships ($1,000 to $1,500 each). An act of 1919 provides for 2 scholars from each county, whose contingent fees are paid for Freshman year. 10 scholarships in medicine, $100 each. 2 scholarships $50 each for students in School of Music; Juillard Musical Foundation of New York City awarded 5 scholarships of $100 each to students of the School last year.

Research funds: In 1915, Dr. Luther Dana Waterman of Indianapolis presented the University with property valued at $100,000 to found an Institute for Scientific Research on condition that the University appropriate from its funds a sum equal to the annual proceeds of the property. The income thus established amounts to $10,000 annually, and supports a Research Professor in Physics, an Associate in Zoology, and two Fellows, one each in Zoology and Botany. The Grasselli Chemical Company and other manufacturing companies grant $10,000 a year for work in Chemistry, and the Eli Lilly Company furnishes $1,200 a year to the Medical School for research.

Employment bureau: In 1925–26 about 200 men and 285 women earned part or all of their expenses. 201 women reported a total of $60,480 earned.

Dates of beginning and ending sessions: First semester, September 12, 1927; February 1, 1928. Second semester: February 7, 1928; June 13, 1928.

Summer session, 1925: June 12 to August 7. 26 departments offered 319 courses. Attendance, 1925: Men, 915; women, 888.

Extension: Evening classes: Men, 1,330; women, 3,957. Correspondence courses: Men, 612; women, 919.

Publications: Indiana University Bulletin (official series), 12 numbers a year. Material from these Bulletins, revised and enlarged, incorporated in Catalog Number, published in July. Biennial Report of Board of Trustees to Governor. The Indiana University News Letter—12 issues. Bulletin of the Extension Division—12 issues. Bulletin of the School of Education—6 issues. Indiana University Studies, 4 issues. Reports of research of professors and students.

Achievements of the year ending June 30, 1926: A Memorial Fund Campaign added $150,000 from students to amount already given, bringing fund up to $1,600,000. Notable benefactions: Coleman Hospital for Women, $250,000; Riley Hospital for Children, $200,000; Nurses Home, $500,000.

Administrative officers: President, William Lowe Bryan; Provost (Indianapolis), Samuel Edwin Smith; Registrar, John William Cravens; Dean of the Graduate School, Carl H. Eigenmann; Dean of the School of Medicine (Indianapolis), Charles Phillips Emerson; Dean of the School of Education: Henry Lester Smith; Dean of the College of Arts and Sciences, Selatie Edgar Stout; Dean of the College of Arts and Sciences, David Andrew Rothrock; Dean of the School of Commerce and Finance, William A. Rawles; Dean of the School of Music, Barzille Winfred Merril; Dean of the School of Law, Paul Vories McNutt; Dean of the School of Dentistry, Frederic R. Henshaw; Dean of Women, Agnes Ermina Wells;

Deans of Men, Clarence Edmund Edmondson and Charles Jacob Sembower; Faculty Advisor to foreign students, Flora Charlotte Anderson.

INDUSTRIAL ARTS, COLLEGE OF

See: College of Industrial Arts, The Texas State College for Women.

IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS

AMES, IOWA

Land-grant college, coeducational.

An act establishing "A State Agricultural College and Model Farm" was passed by the Legislature of Iowa in 1858. In 1859 a farm of 640 acres was purchased. In September, 1862, the General Assembly of Iowa accepted the conditions of the Morrill Act. The college was formally opened March, 1869.

State Board of Education consists of 9 members appointed by the Governor of the State and confirmed by the Senate. This Board appoints a Finance Committee consisting of 3 men who give their entire time to the 5 State educational institutions of Iowa. Work is conducted in 5 major lines: Agriculture, Engineering, Home Economics, Industrial Science, and Veterinary Medicine. The Graduate College conducts advance research and gives instruction in all these 5 lines. Research work is conducted in the Agricultural and Engineering Experiment Stations and in the Veterinary Research Laboratory.

Endowment: $694,982.07. Income from endowment, $36,000. Income from other sources, $3,574,000 (including State of Iowa, $2,408,887; United States, $304,946.43; fees, $467,000; sales, $393,166.57.) Total annual expenditures, year ending June, 1926, $3,877,016.01. Budget, 1926–27, $3,187,326. During the year 1925–26, alumni and friends of the college completed the pledging of over a million dollars for a Memorial Union, to be dedicated to those who lost their lives in the World War. Construction of the building began in the spring of 1927.

Total area of college property, including experimental farms, 1,984 acres, including 125 acres in campus proper. Land valued at approximately $725,000. Buildings are valued at almost $5,000,000. Grounds, buildings and equipment valued at $8,200,000.

Library (1925), 165,000 volumes, including 15,000 government documents; 3,000 current periodicals. Special collections: Agriculture, Engineering, Veterinary Medicine, Chemistry and Entomology.

Laboratory buildings with date of erection, worth of building and value of equipment: Chemistry (1914), $250,000; $65,500. Physics (1924), $260,000; $47,000. Agricultural Engineering (1922), $75,000; $18.500. Science (1916), $65,000; $43,000. Automobile Laboratories (1918), $15,000; $18,000. Machine Shop (1907), $18,000; $20,000. Forge Shop (1906), $5,500; $1,600. Pattern Shop, $6,000; $4,275. Foundry, $4,500; $2,250. Green House (1915), $76,000; $5,000. Judging Pavilions, $64,000; Steam and Gas Laboratory (1913), $53,000; $50,000. Meat Laboratory (1917), $50,000; $5,000, Engineering Annex (1910), $80,000; $57,700.

Museums in Morrill Hall, Science Building and Central Building. Natural history.

Health program: Physical examinations are required of all new students. Psychology Department offers special work in Mental Hygiene. Men's Gymnasium. Athletic fields. Hospital (80 beds) with dispensary and all medical conveniences. 5 physicians in attendance. Expense defrayed by student fees; all students entitled to free medical care. Administered under Department of Hygiene. Medical examinations required; health standards suggested to students on the basis of medical examination.

Admission requirements: 15 units. 14 units entitle to conditional admission. Conditions must be removed within 1 year.

Degree requirements vary from 198 to 216 quarter credits, depending upon course and division. No Liberal Arts curriculum offered. All courses are technical. In Graduate College 45 quarter credits and satisfactory thesis and examination required for degree Master of Science. For Doctor of Philosophy, 3 years graduate work and satisfactory dissertation and examination.

For undergraduates 2 years of Physical Education required. Men must take 2 years of Military Training.

Departments and Staff: Agricultural Engineering: *Professors*, 2; *Associate Professors*, 3; *Assistant Professors*, 1; *Instructors*, 2. Animal Husbandry: 5, 3, 0, 2. Dairying: 2, 2, 1, 4. Dairy Husbandry: 1, 1, 1, 0. Farm Crops: 1, 2, 3, 1. Forestry: 1, 1, 1, 1. Genetics: 1, 0, 0, 1. Horticulture: 3, 1, 1, 2. Landscape Architecture: 1, 0, 2, 0. Poultry: 1, 0, 1, 1. Soils: 2, 3, 2, 1. Technical Journalism: 1, 1, 0, 1. Vocational Education in Agriculture: 1, 4, 4, 2. Architectural Engineering: 1, 2, 0, 2. Ceramics: 1, 0, 1, 1. Chemical Engineering: 1, 0, 1, 1. Civil Engineering: 4, 4, 1, 5. Electrical Engineering: 3, 2, 1, 3. General Engineering: 1, 0, 1, 1. Mechanical Engineering: 4, 4, 4, 9. Mining Engineering: 0, 1, 0, 0. Trades and Industries: 1, 1, 4, 1. Applied Art: 1, 1, 4, 5. Foods and Nutrition: 1, 4, 5, 3. Household Administration: 0, 5, 1, 5. Physical Education for Women: 1, 1, 2, 3. Textiles and Clothing: 3, 2, 2, 2. Vocational Education in Home Economics: 0, 2, 1, 5. Bacteriology: 2, 0, 2, 1. Botany: 4, 1, 3, 3. Chemistry: 7, 1, 6, 13. Economics and History: 5, 6,7, 5. English: 2, 4, 1, 18. Geology: 1, 1, 1, 0. Hygiene: 1, 0, 4, 0. Mathematics: 2, 9, 4, 7. Military: 1, 3, 1, 5. Modern Languages: 1, 1, 2, 2. Music: 1, 1, 0, 2. Physical Education for Men: 2, 1, 6, 3. Physics: 2, 4, 4, 4. Psychology: 3, 2, 0, 2. Public Speaking: 1, 0, 1, 5. Zoology: 3, 5, 3, 2. Veterinary Medicine: 1, 1, 1, 0. Veterinary Anatomy: 1, 0, 2, 0. Veterinary Pathology: 1, 1, 0, 1. Veterinary Physiology: 1, 0, 1, 0. Veterinary Surgery: 1, 1, 0, 0.

Enrolment (including summer session and short courses): 10,702: Agriculture, 3,480; Engineering, 2,728; Home Economics, 3,382; Industrial Science, 856; Veterinary Medicine, 224; major not indicated, 32.

Degrees conferred year ending June 30, 1926, 703: B.S., 546; B.V.M., 15; Ph.D., 14; M.S., 113; professional degrees in Engineering, 13; honorary degrees, 2. Total number of degrees conferred since foundation, 9,510.

Fees: Registration fee, $72 to $100 a year, depending on the course; matriculation fee, $10; graduation fee, $15; non-resident fee for students from outside of Iowa, $40 a year; breakage deposit, $10. Total expense, including board and room, $550 to $625 a year.

Scholarships and Fellowships: 38 tuition scholarships available for students from other States, each worth $40 a year; 15 additional tuition scholarships for Division of Agriculture; 10 international scholarships to students from countries allies of U. S. in the war, stipend up to $150 a year in fees and tuition. Teaching scholarships available to graduate students, stipend $270 a year. Teaching fellowships, stipend $540 a year. Research fellowships and scholarships, stipend $540 and $270 respectively.

Research funds: For Agricultural Experiment and Research: Adams Fund, $15,000; Hatch Fund, $15,000; Purnell Fund, $30,000; Agricultural Experiment Station Fund (State), $265,000; Engineering Experiment Station Fund for Engineering and Highway Research, $58,000; Veterinary Investigation Fund (State), $22,500; Laura Spelman Rockefeller Memorial Fund, Child Care and Parent Training, $7,500.

Autumn quarter from about September 29 to December 22, 1927; winter quarter, January 2 to March 12; spring quarter, March 21 to June 8, 1928.

Summer session: From about June 15 to August 27. Instruction offered in 51 departments.

Catalog published annually in February.

Administrative officers: President, R. M. Hughes; Dean, Division of Agriculture, C. F. Curtiss; Dean, Division of Engineering, Anson Marston; Dean, Division of Veterinary Medicine, C. H. Stange; Dean, Division of Industrial Science, S. W. Beyer; Acting Dean, Division of Home Economics, Frances Sims; Dean, Graduate College, R. E. Buchanan; Dean of Men, J. E. Foster; Dean of Women, Julia W. Stanton; Dean of Junior College, Maria M. Roberts; Registrar, J. R. Sage; Adviser to foreign students, Louis DeVries.

IOWA, UNIVERSITY OF

See: University of Iowa.

IOWA WESLEYAN COLLEGE

MT. PLEASANT, IOWA

College of Liberal Arts and Music.

Founded in 1842 as Mt. Pleasant Collegiate Institute. Became Iowa Conference College in 1849. In 1854 named Iowa Wesleyan University. In 1909 became Iowa Wesleyan College.

Board of 28 trustees: 12 elected by Iowa Conference of the Methodist Church; 8 by Alumni Association, and 8 by Board of Trustees.

Endowment, $750,000. Income from endowment, $25,000. Total annual expenditures year ending June 30, 1926, $100,000. Budget, 1926–1927, $100,000. $100,000 Memorial Library building being built by the P. E. O. Sisterhood, which was organized in Mt. Pleasant in January, 1869.

Grounds and buildings: About 30 acres. Total value of grounds, $100,000. Total present worth of buildings, $400,000. Total value of grounds, buildings and equipment, $600,000.

Library: 22,000 volumes, including 7,000 government documents; 40 current periodicals.

Laboratories: 2 (1876, 1892). Present worth of buildings, $150,000. Value of equipment, $50,000.

Museum (1856): Natural history.

Health program: Gymnasium.

Admission requirements: 15 units. One condition allowed; must be removed first year.

Degree requirements: 120 hours; major, more than three-quarters of 120 hours must be graded above "D."

General requirements: Physical culture required. Chapel attendance required. Women must live in dormitory.

Departments and Staff: Biology: *Professors*, 1; *Associates*, 1. Chemistry: 1, 1. Education: 1, 1. English: 2, 0. History: 1, 1. Home Economics: 1, 0. Mathematics: 1, 1. Music: 1, 0. Philosophy: 1, 0. Physics: 1, 0. Public Speaking: 1, 0. Romance Languages: 2, 0. Social Sciences: 1, 1.

Enrolment for year ending June 30, 1926, 559. Total number of matriculates since foundation, 11,613.

Degrees conferred year ending June 30, 1926, 50 (A.B., and B.S.).

Fees: Tuition, $30 a semester; semester fee, $45; laboratory fees, $3 to $10; room, $1.50 to $3 a week; board, $5 to $7 a week; Annual expenses, $375 to $500.

Scholarships: 45 (tuition).

Employment bureau: Percentage of students who earned way through college during year ending June 30, 1926: All, 10; part, 30.

Dates of beginning and ending sessions: September 13, 1926; June 6, 1927.

Summer session: June 7 to August 4, 1926. Attendance, 1925, 177.

Publications: Catalog in March. President's report in June.

Administrative officers: President, U. S. Smith; Dean, H. G. Leist; Registrar, G. E. King.

THE JAMES MILLIKIN UNIVERSITY

DECATUR, ILLINOIS

Name for bequests: Decatur College and Industrial School.

University. Non-sectarian and privately controlled.

On May 13, 1900, James Millikin made a formal proposal to establish an institution of higher learning in the city of Decatur, Illinois, under conditions which were met early in the following year by the citizens of Decatur and the Synods of Indiana, Illinois, and Iowa of the Cumberland Presbyterian Church. The charter of Lincoln University at Lincoln, Illinois, was amended April 30, 1901, so as to provide that its name be changed to Lincoln College and that it, together with the proposed Decatur College and Industrial School, constitute The James Millikin University as its legal successor, with the provision that each college be governed by a local Board of Managers appointed by the Board of Trustees.

General Board of 15 Trustees nominated by the Trustees of the James Millikin Estate and confirmed by the Synods of Illinois, Indiana, and Iowa. Decatur College and Industrial School is controlled by a local Board of Managers of 9 members appointed by the trustees of the James Millikin Estate

and responsible to the Board of Trustees of the University.

Decatur College and Industrial School was organized on the plan of a university with 8 separate schools as follows: Liberal Arts, Fine and Applied Art, Household Arts, Manual Arts Education, Commerce and Finance, Library Science, Engineering, Music. The School of Library Science has recently been made a department of Liberal Arts, and since 1912 only 2 years of engineering work has been given. All the other schools offer 4-year curricula leading to appropriate degrees.

Endowment: $1,772,220.19. Income from endowment, $59,119.27. Income from students fees, $149,490.39. Total income, 1925–26, $213,169.23. Total expenses, $217,456.74.

Estimated value of buildings, equipment, etc., $849,533.50. Campus, 35 acres, valued at $215,000.

Library: 19,618 volumes; 150 current periodicals.

Laboratories: Physics and Biology laboratories in Liberal Arts Hall and Chemistry laboratory in Engineering Hall. Equipment: Physics, $5,400; Biology, $5,300; Chemistry, $4,000.

Health program: Gymnasium (1912) valued at $80,000. All women required to take physical examination before entering a gymnasium class.

Admission requirements: 15 units. One condition allowed; must be removed within a year.

Degree requirements: For baccalaureate degrees, 122 semester hours.

All students are required to have two years of physical training except in case of physical disability, when they are required to substitute scholastic hours.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Art: 0, 0, 1, 2. Biblical History and Literature: 1, 0, 0, 0. Biology: 1, 0, 0, 2. Chemistry: 1, 0, 1, 0. Commerce and Finance: 1, 1, 0, 1. Education: 1, 0, 0, 0. Engineering: 1, 0, 0, 1. English: 1, 2, 0, 0. Eurythmics: 0, 0, 0, 1. Expression: 0, 0, 0, 1. History and Political Science: 1, 1, 0, 0. Household Arts: 2, 0, 0, 2. Kindergarten Methods: 0, 0, 0, 1. Library Science: 1, 0, 0, 0. Manual Arts: 1, 0, 0, 1. Mathematics: 1, 0, 0, 1. Modern Languages: 1, 1, 1, 0. Music: 2, 0, 0, 7. Philosophy: 1, 0, 0, 0. Physical Education: 0, 0, 0, 3. Physics: 1, 0, 0, 0. Primary Methods: 1, 0, 0, 0. Public Speaking: 0, 0, 0, 1.

Enrolment year ending June 30, 1926, including special students and extension class in Springfield, 607. Total enrolment in Conservatory, 579, including 114 in Kindergarten.

Degrees conferred, 1925–26: A.B., 38; B.S. in Commerce and Finance, 9; B.S. in M.A. Ed., 3; B.S. in Fine and Applied Arts, 6; B.S. in Household Arts, 8; Bachelor of Music, 2. Degrees conferred since foundation, 867.

Expenses: Tuition, college, each semester, $100; athletic fee, each semester, $5; laboratory fees, $2 to $10 each semester; room, $6 to $10 a month; board, $7 to $8 a week; room and board at Aston Hall, each semester, $148.50 to $162.

Scholarships: 72.

First semester, September 12, 1927 to January 28, 1928; second semester, January 30 to June 12, 1928.

Millikin Conservatory of Music has a summer term of 9 weeks.

Extension course in Springfield.

Catalog in June.

$185,000 from the Synod of Illinois Presbyterians. Campaign for Christian Education. Gift of $37,500 from the late Senator William B. McKinley.

Administrative officers: President, Mark E. Penney; Dean of Women, Lillian M. Walker; Registrar, Zella Traver.

JAMESTOWN COLLEGE

JAMESTOWN, NORTH DAKOTA

Coeducational college. Privately controlled by Presbyterian Church (U. S. A.).

Opened in 1884. Closed in 1893. Reopened in 1909 by Presbyterian Synod of North Dakota.

Board of 18 trustees approved by Presbyterian Synod of North Dakota.

Endowment: $800,000. Total annual expenditures year ending June 30, 1926, $110,-

234.74. Campaign in progress for enlarged endowment and buildings.

Grounds and buildings: Campus of 107 acres and 11 buildings, including equipment, valued at $464,000.

Thaw Memorial Library (1915), 9,000 volumes.

Taber Science Hall (1916), value $53,000. Chemistry, Physics, Biology, Home Economics.

Athletic field. Required course in swimming.

Admission requirements: 15 units. One condition allowed; must be removed first semester.

Degree requirements: For A.B. and B.S.: 126 semester hours.

General requirements: Physical education (4 semester hours) required. Daily chapel attendance required. Dancing and smoking not allowed.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Art: 1, 0, 0, 0. Athletics: 2, 0, 0, 0. Bible: 2, 0, 0, 0. Biology: 1, 0, 1, 0. Chemistry: 1, 0, 0, 2. Commerce: 1, 0, 2, 0. Education: 1, 1, 0, 0. English: 2, 0, 1, 0. Mathematics: 2, 0, 0, 0. Modern Languages: 2, 0, 0, 0. Music: 4, 0, 1, 0. Physics: 1, 1, 0, 0. Public Speech: 1, 0, 0, 0. Social Science: 1, 1, 0, 0.

Enrolment for year ending June 30, 1926: College of Liberal Arts, 332; Summer School, 89; School of Music: 78; School of Business, 11.

Degrees conferred year ending June 30, 1926: A.B. and B.S., 49. Total number of degrees conferred since foundation, 240.

Fees: Tuition, $40 a semester; incidental fee, $15 a semester; laboratory fees, $3 to $8 a semester; board, $171 a year; room, $63 a year. Annual expenses: $400 to $500.

10 endowed scholarships, $60 each. 30 others, $80 each.

Employment bureau: 60 per cent of students earned way through college year ending June 30, 1926.

Dates of beginning and ending sessions: First semester, September 20, 1926; February 5, 1927. Second semester: February 5, 1927; June 15, 1927.

Summer session: June 17 to August 6. Attendance, 1925, 98.

Publications: Catalog in May. President's report in October.

Administrative officers: President, B. H. Kroeze; Dean, F. B. Taylor; Registrar, Wm. B. Thomas; Dean of Women, Edna Robinson.

JOHN CARROLL UNIVERSITY

W. 30TH ST. AND CARROLL AVE., CLEVELAND, OHIO

Catholic University without University Departments, as yet. College of Arts and Sciences. For men. Privately controlled by Society of Jesus.

Founded in 1886 as St. Ignatius College. University charter, May 17, 1923. Originally incorporated along with St. Ignatius High School and Loyola High School. Loyola closed 1922. College separated from St. Ignatius with the granting of University charter.

Board of 7 trustees. Must be members of the Society of Jesus.

Value of grounds, 51 acres, about $700,000. Buildings about $500,000.

Library: 40,000 volumes; 150 current periodicals.

Laboratories: Value of equipment, $75,000.

Gymnasium (1918).

Admission requirements: 15 units, including English 3, Mathematics 2, Modern Language 2, History 1, Science 1. Candidates for A.B. are required to submit 4 units of Latin. No more than 3 vocational units allowed; not more than 1 in any particular subject.

Degree requirements: 128 semester hours, three-quarters of which must be of C grade or above. Major, 18 semester hours; 2 minors, 12 hours each.

Chapel attendance required. Thesis.

Departments and Staff: Biology: *Professors*, 3; *Associate Professors*, 0; *Instructors*, 6. Chemistry: 2, 0, 6. Classics: 2, 0, 0. English: 4, 2, 0. History: 1, 0, 0. Mathematics: 2, 1, 0. Modern Languages: 2, 2, 0. Music: 1, 5, 0. Philosophy: 4, 1, 0. Physics: 1, 0, 2. Social Sciences: 1, 0, 0.

Enrolment for year ending June 30, 1926, 339.

Degrees conferred year ending June 30, 1926; 40: A.B., 24; B.S., 3; Ph.B., 13.

Fees: Tuition, $75 a semester; matriculation, $5; graduation, $10; laboratory fee, $5 a course.

Scholarships: 31.

About 25 per cent of students earned way through college.

Dates of beginning and ending sessions: First semester, third week in September; end of January. Second semester, begins immediately after close of first; ends second week of June.

Summer session: Extension courses, June 28 to August 8, 1928. 28 courses.

Catalog in February.

Administrative officers: President, Reverend Murtha J. Boylan, S. J.; Dean, Reverend Leonard H. Otting, S. J.; Registrar, Raymond C. Miller.

THE JOHNS HOPKINS UNIVERSITY

BALTIMORE, MARYLAND

University. Non-sectarian, privately controlled, receiving some State aid, but supported chiefly by income from endowment funds. Offers courses in Liberal Arts, Medicine, Hygiene and Public Health, Engineering, Business, Education, and advanced work leading to the Ph.D. degree.

Founded by Johns Hopkins, a merchant of Baltimore. Opened for instruction in 1876, awarding only the Ph.D. degree at first. Undergraduate courses were offered later. School of Medicine opened in 1893; School of Hygiene and Public Health in 1918. In 1913 School of Engineering opened in accordance with Technical School Bill of Maryland, which provided that an original fund and also an annual appropriation be paid the University for this purpose. College for Teachers, formerly known as the College Courses for Teachers, organized in 1909. Institute for Biological Research established in 1925 as a result of the gift of the Rockefeller Foundation.

Board of 19 trustees, including the President of the University ex officio.

Financial resources year ending June 30, 1926: Endowment, $23,105,547.09. Income from endowment, $1,075,217.77. Income from other sources, $715,344.20. Total annual expenditures, $1,832,864.33. Budget, 1926–27, $1,743,764.22. The budget covers only the expenses for educational purposes. The money spent for research is not itemized in the budget, but is made up at the end of the year from separate endowment funds. In the report for the year, however, it is included in the total annual expenditures. This accounts for the difference between the expenditures for 1925–26 and the budget for 1926–27. This year saw the close of the Half-Century campaign. Among notable gifts were two from the General Education Board: $175,000 to the Institute for Biological Research, and $200,000 to establish a professorship in the History of Medicine.

Grounds and buildings: Total value of grounds: Homewood, 120 acres, Broadway, 3 acres, $686,989.81. Total present worth of buildings, $5,894,613.29 (book value). Total value of grounds, buildings and equipment, $7,479,007.81. The philosophical and engineering faculties are housed on the campus at Homewood. The School of Medicine and the School of Hygiene and Public Health occupy buildings in the city adjacent to the Johns Hopkins Hospital.

Library (1915), 283,242 volumes.

Laboratories: Civil Engineering Building (1916), cost $198,500.51; Mechanical and Electrical Engineering Building (1914), cost $305,664.12; Chemistry Building (1924), cost $773,934.03. The figures here given report the total amount spent on these buildings. The market value is approximately five times as great at the present time. Value of equipment in principal departments, $897,404.71; Philosophical and collegiate, $725,712.58; Medicine, $171,692.13.

Archæological Museum in Gilman Hall.

Health program: Each undergraduate student and medical student is examined when he enters the University. Medical attention available to all students throughout the University.

Admission requirements: UNDERGRADUATE SCHOOLS: Those who wish to become candidates for the degree of B.A. must pre-

sent evidence of a satisfactory knowledge of the following subjects: Mathematics: Algebra a and b, 1½ units; Plane Geometry, 1 unit; English, 3 units; Foreign Language (4 units required; not less than 2 units accepted in any one language): Latin: Grammar, Composition, and Cæsar, books I–IV (2 units); Cicero, 6 orations (1 unit); Vergil, books I–VI (1 unit); Greek, French, German, Spanish: Elementary (2 units); Intermediate (1 additional unit); History, 1 unit; Electives, to make 15 units in all, from the following subjects only: Solid Geometry, ½ unit; Plane Trigonometry, ½ unit; Languages, 1 to 5 units additional; History, 2 units additional; Physical Geography, 1 unit; Biology, 1 unit; Botany, 1 unit; Zoology, 1 unit; Physics, 1 unit; Chemistry, 1 unit; Drawing, 1 unit.

Faculty of Philosophy: Advanced students are received whether they are candidates for a degree or not, and they are permitted to attend such lectures and exercises as they may select. On entering the University they are expected to present their diplomas and certificates from the institutions with which they have been connected, and also letters of introduction. They are not examined by the University for admission, but each instructor satisfies himself of the attainments of those who wish to follow his guidance before admitting them to his classes. Students are admitted to those courses for which they are prepared. If a student has not received the bachelor's degree, but is specializing in some particular subject in accordance with the regulations of the Board of Collegiate Studies, he will be given opportunity to prepare himself for advanced work as rapidly as possible; special reading courses will be outlined and exceptional laboratory facilities will be offered.

School of Medicine: A collegiate degree from an acceptable institution. Certification that the applicant has satisfactorily completed the following minimal requirements: Biology: At least 1 year of college work (12 semester hours) in General Biology, consisting usually of 3 lecture hours a week (6 semester hours) and 180 hours (6 semester hours) of laboratory work. One-half of this may be in Comparative Anatomy, Embryology or Zoology. Courses in Bacteriology will not be accepted, as this subject is included in the medical curriculum. Chemistry: At least 2 years of college work (24 semester hours), of which one and one-third years (16 semester hours) should be devoted to Inorganic and two-thirds of a year (8 semester hours) to Organic Chemistry. Each year's work should comprise three class-room exercises and five or preferably six, hours of laboratory work a week. This represents only a minimal training and three years' work is advised, including a short course of lectures and demonstrations in elementary Physical Chemistry. Physics: At least one year of college work (10 semester hours) consisting usually of 90 hours of class work (6 semester hours) and at least 120 hours (4 semester hours) of quantitative work in the laboratory. French and German: a reading knowledge is required. This presupposes two years of high school and one year of college work, or two years of college work (12 semester hours) in each language. If, however, students with a shorter preparation believe that they can read fluently, a reading test will be given. If satisfactory, the requirement will be absolved; but, if not, additional work must be taken and the condition absolved before the student can enter the second year of the School. Latin: This should include grammar and such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent. Application forms may be obtained by writing to the Assistant Dean, Johns Hopkins University School of Medicine, Monument and Washington Streets, Baltimore, Md. These applications may be completed and returned to the Assistant Dean at any time during the candidate's senior year in college (not later than June 1). They will be considered in order of receipt and the applicant notified of the decision as soon as possible. The number of students in each class is limited to 75.

School of Hygiene and Public Health: Course leading to the degree of Doctor of Public Health. Admission: The following groups of students may be accepted as candidates for this degree: The Faculty reserves the right to accept applicants provisionally,

final acceptance being conditioned upon the character of the work done. Graduates of approved medical schools who have had a liberal education as evidenced by a degree in arts or science, or its equivalent; students who have completed satisfactorily 3 years of the course in an approved medical school, and who have had a liberal education as evidenced by a degree in arts or science, or its equivalent. Such students may be enrolled as candidates for the degree while completing their course in medicine. They enter what is known as the "combined course," and may complete the requirements for the degree of Doctor of Public Health in one year after their graduation in medicine provided they have arranged to take certain specified subjects during their medical course and have absolved the requirements for field work during the intervening summer.

Courses leading to the degree of Doctor of Science in Hygiene. To be accepted as a candidate for this degree the following requirements must be fulfilled: A degree in arts or science, or in medicine; certificates of the satisfactory completion of adequate courses in Chemistry, Physics and Biology.

Degree requirements: Undergraduate Schools: Arts and Sciences: For B.A.: 125 points (a point represents one hour of class work a week for one term, and is equivalent to a semester hour). Prescribed courses include English Composition and Literature; one course in Biology, Chemistry, Geology or Physics; one course in History, Political Economy or Philosophy; one course in French or German and an additional course in any modern language; Military Science or Physical Education for 2 years. In general 4 years are needed to complete the curriculum, but a capable student may complete this work in 3 years by anticipating certain courses, by passing examinations in courses pursued during the summer, by undertaking reading courses during the summer, or by carrying a greater number of courses than is called for in the program. Attendance at weekly assembly required of students in first 2 years of residence.

School of Engineering: For B.E.: A prescribed curriculum of 4 years in Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemistry or Gas Engineering, and at least 6 months in the employ of an approved engineering or other industrial organization. For B.S. in Chemistry: A prescribed curriculum of four years.

Higher Degrees in Engineering: For M.C.E., M.E.E., M. Gas E., M.M.E.: Two years of personal study following B.E. or equivalent. For D.E.: 3 years following B.E. or equivalent, and completion of original investigation results of which must be embodied in a dissertation.

School of Business Economics: For B.S. in Economics: 125 points largely prescribed in first 2 years and including in third and fourth years at least ten half-year courses in Business Economics.

College for Teachers: For B.S.: 124 points including English, Foreign Languages, History, Science or Mathematics, and a major of five courses.

Faculty of Philosophy: For admission to candidacy a student must be able to translate at sight not less than two foreign languages designated as essential by the Department. A foreign student must have a satisfactory reading knowledge of English. The distinctive requirement for the Ph.D. is evidence of successful completion of an original investigation in his prescribed subject upon a theme approved by his Department. The results must be embodied in a dissertation. A foreign student is not permitted to choose a subject for which the chief courses of information are not available to the professors in charge. Dissertations of foreign students, if in English, will be judged by the same standards with reference to English style as are now applied to other students. If the dissertation is not printed in full, an abstract must be printed. For M.A.: Minimum requirement for students with baccalaureate degree is at least 2 years, and for Ph.D. at least 3 years.

School of Medicine: The degree of Doctor of Medicine is conferred upon those, who, after fulfilling all the requirements for admission, have completed satisfactorily a 4 year course of study.

School of Hygiene and Public Health: Two-year course largely prescribed, leading to degree of D.P.H. At least 3 months of

practical work in some public health organization. Preparation of an acceptable thesis, involving the individual study and presentation of some public health program. For Science in Hygiene: 3 years of graduate work; certificates of the satisfactory completion of adequate courses in Anatomy, Physiology and Pathology. In exceptional cases on the recommendation of the head of a department, a candidate may be accepted who offers in place of the certificate described above, satisfactory evidence of special training of an advanced character in subject fundamental to his main field of work.

Course Leading to a Certificate in Public Health: The following groups of students will be accepted in this course: Graduates of approved medical schools; graduates in arts or science who can furnish credentials of adequate courses in Physics, Chemistry and Biology and in the medical sciences. The term medical sciences is meant to include Anatomy, Histology, Physiology and Pathology.

Intensive Courses for Public Health Officers: Public health officers may enter the School as special students in any trimester to take any of the scheduled courses which they may be prepared to enter. In addition to this general arrangement the Department of Public Health Administration will undertake, as far as possible, to make arrangements for partial courses or combinations of courses to suit the special needs of public health officials who may not be able to remain during an entire trimester.

Special Students: An opportunity to use the facilities of the School will be granted to the following groups of special students not registered as candidates for a degree: Public health officers who may wish to take one or more lecture or laboratory courses, or engage in the study of some special problem; other qualified persons who may wish to attend special courses or undertake research work and whose qualifications receive the formal approval of the faculty of the School.

Departments and Staff: Faculty of Philosophy: Art and Archæology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Associates*, 0; *Instructors*, 0. Botany: 1, 0, 0, 0, 0. Chemistry: 3, 2, 0, 5, 0. Education: 2, 1, 0, 2, 2. English: 5, 0, 0, 0, 1. Geology: 5, 0, 0, 0, 0. German: 2, 1, 0, 0, 1. Greek: 1, 0, 0, 1, 0. History: 3, 0, 0, 0, 1. Latin: 2, 0, 0, 0, 0. Mathematics: 2, 2, 0, 1, 0. Military Science: 1, 0, 3, 0, 0. Oriental Seminary: 1, 2, 0, 0, 0. Philosophy: 2, 0, 0, 1, 0. Physical Education: 0, 0, 0, 0, 1. Physics: 4, 0, 0, 0, 3. Plant Physiology: 1, 0, 0, 0, 0. Political Economy: 2, 2, 0, 2, 1. Political Science: 2, 0, 0, 1, 0. Psychology: 2, 0, 0, 1, 1. Romance Languages: 3, 2, 0, 1, 0. Zoology: 3, 1, 0, 1, 1. School of Engineering: 4, 5, 0, 4, 5. School of Medicine: 20, 27, 1, 54, 76. School of Hygiene and Public Health: 12, 7, 0, 8, 3. See Chapters V–VI.

Enrolment for year ending June 30, 1926: 4,621. Total number of matriculates since foundation: 12,500.

Degrees conferred year ending June 30, 1926: 361: Ph.D., 53; M.A., 35; M.D., 67; D.P.H., 13; Dr. Sci. H., 11; M.C.E., 2; B.A., 85; B.E., 52; B.S., 17; B.S. in Ec., 8; B.S. in Chem., 7; B.S. Hygiene, 2; Certificate in P.H., 9. Degrees conferred since foundation: 6,502.

Tuition: Undergraduate Schools: College for Teachers: $17 a year for each hour of instruction a week; $400 a year tuition; $10 Caution money (returned at end of year if no charges outstanding); $3 Annual Registration fee; $10 Annual Athletic fee; $10 Annual Non-athletic fee; $5 Diploma fee. Laboratory fees: $10 to $36 a course. Faculty of Philosophy: $250 a year tuition ($20 a year for each hour of instruction for limited attendance on graduate courses not to exceed 6 hours a week). $10 Caution money; $3 Registration fee (paid every year). Laboratory charges: $10 to $36 a course. Graduation fees: Doctor of Philosophy, $10; Master of Arts, $10; Bachelor of Arts, $5; Bachelor of Science, $5; Bachelor of Science in Economics, $5. School of Medicine: At the end of the academic year of 1926–27, all tuition charges in the School of Medicine will be $400 a year. There are no extra charges, except for microscopes, laboratory breakage, and certain expensive supplies. A deposit of $10 is

required from each student at the time of enrolment. This "caution money" is repaid at the end of each year if there are no charges against it. SCHOOL OF HYGIENE: The charge for tuition in the courses leading to a degree or a certificate is $300 a year. For major courses accompanied by laboratory or field work the charge is $50 for each trimester. For one-half major courses accompanied by laboratory or field work the charge is $25 for each trimester. For courses of lectures not accompanied by laboratory or field work the charge is $10 for each trimester. The charge for special courses will be arranged on application. Charge for board and lodging: $450 to $750. Annual expenses: Liberal, $750; high, $1,000.

Scholarships and Fellowships: Undergraduate School: 51 scholarships; stipend, from free tuition to $200 a year. School of Engineering: 135 scholarships; stipend, from tuition to $350 a year. School of Business Economics: 5 tuition scholarships. Faculty of Philosophy: 92 scholarships; stipend, from tuition to $1,500 a year. 6 fellowships: stipends from $750 a year to income from $30,000 and exemption from fees. School of Medicine: 6 tuition scholarships. School of Hygiene: 12 tuition scholarships; 9 fellowships of from $500 to $1,000 a year.

Research funds, etc., FACULTY OF PHILOSOPHY: Charles A. W. Voegler Memorial Archæological Fund. MEDICAL SCHOOL: Fund for the study of tuberculosis; Phipp Fund for Study of Tuberculosis; Phipp's Psychiatric Clinic; William H. Welch Fund for Clinical Education and Research; Kenneth Dows Tuberculosis Research Fund; Epilepsy Medical Research Fund; De Lamar Fund; Edward S. Linton Memorial Fund; William Stewart Halsted Fund; George Barr Scholl Fund; Surgical Fellowship Fund.

About 3 per cent of the students did part time work to help pay their way through college.

Dates of beginning and ending sessions: October 4, 1927 to June 12, 1928.

Summer session: June 28 to August 5, 1927; 21 departments; 110 courses; attendance, 1925: 918.

University Extension: College for Teachers; Evening Courses in Business Economics; night courses for Technical Workers.

Publications: University Circular includes catalogs and President's Report. Johns Hopkins University Press has issued 42 volumes (including 27 doctor's dissertations and 6 numbers of Service Monographs). Scholarly periodicals issued: American Journal of Mathematics, American Journal of Philology, American Journal of Psychiatry, Biologia Generalis, Bulletin of the American Association of Collegiate Registrars, Hesperia: Schriften zur Germanischen Philologie, The Johns Hopkins Hospital Reports, The Johns Hopkins Studies in Romance Literature and Languages, The Johns Hopkins University Circular, The Johns Hopkins University Studies in Geology, The Johns Hopkins University Studies in Historical and Political Science, Modern Language Notes, Terrestrial Magnetism and Atmospheric Electricity, Lectures on Engineering Practice.

Achievements of year ending June 30, 1926: New plan for advanced instruction: The Board of Trustees of the University, by a resolution adopted January 5, 1926, approved a new plan, proposed by the President of the University, by which: (1) "The only degrees to be conferred will be the degree of Doctor of Philosophy, for which four years residence would ordinarily be required, and the degree of Master, for which three years of residence would ordinarily be required. In determining the requirements for these degrees, however, emphasis will be placed on proficiency and achievement rather than on years of residence; (2) the University cease to provide those courses ordinarily given during the first two years of the American college; and (3) the conditions requisite for admission to these advanced courses in the Philosophical Faculty be determined by the professors in charge of each particular subject." This plan, however, cannot be put into full operation until an additional endowment is secured and other conditions met; and the first two years of collegiate work will be continued for the present. Due notice will be given in advance when the final change is to be made. Students may be admitted, however, in accord-

ance with this plan, beginning in September, 1926; but it should be noted that only exceptionally able and serious-minded students should apply for admission. In case during their first years of residence their progress proves unsatisfactory to their professors, they can not enter the College courses without satisfying the regular requirements. Moreover, in order to provide for those students in residence in the College who desire to take advantage of the new plan so far as possible, the Board of Collegiate Studies has adopted the following resolutions: "Upon completion of the first two years of collegiate work a student shall indicate whether it is his intention simply to proceed to a bachelor's degree in accordance with the present system or to specialize in some field in the manner described below.

"If, however, a student decides to specialize in some definite field, he must first satisfy the professors of the department in which he wishes to study that he is qualified for advanced work in this subject. If accepted as a student in this department, his program of work shall be outlined by its professors. No arithmetical system of credits shall be applied; and each department shall determine the character of the work required—lectures, conferences, reading laboratory, etc. If the student desires to become a candidate for the degree of Bachelor of Arts, the requirements for the degree shall be determined by the department concerned, subject to approval by a committee of the Board of Collegiate Studies, and the program of study for the last two years shall be filed with the Dean.

"If a student at the close of his third regular undergraduate year under present regulations shall decide to concentrate his study in some field, he may do so subject to the conditions stated above."

The Board of University Studies has also resolved that students who specialize as described above may become candidates for the degrees of Master of Arts and Doctor of Philosophy without receiving the bachelor's degree. For such students the minimum requirement for the degree of Master of Arts shall be three years of residence and an additional year at least is required for the degree of Doctor of Philosophy.

Administrative officers: President, Frank Johnson Goodnow; Registrar, Ryland Newman Dempster; Secretary, Board of University Studies, Charles W. E. Miller; Dean of the Medical Faculty, Lewis Hill Weed; Registrar of the Medical Faculty, George J. Coy; Director of the School of Hygiene and Public Health, William Henry Welch; Secretary of the School of Hygiene and Public Health, M. Louise Durham; Director of the Institute for Biological Research, Raymond Pearl; Executive Secretary of the Institute for Biological Research, Blanche F. Pooler; Dean of the Engineering Faculty, John Boswell Whitehead; Director of the Summer Courses, Edward Franklin Buchner; Dean of the College Faculty, Joseph Sweetman Ames; Secretary to the Committee on the School of Business Economics, William Oswald Weyforth; Director of the College for Teachers, Edward Franklin Buchner.

JUDSON COLLEGE

MARION, ALABAMA

Senior college for women. Property of Alabama Baptist State Convention. Controlled by a Board of Trustees appointed by that body.

Founded 1838. In 1842 became property of Alabama Baptist State Convention.

The Board of 27 Trustees appointed by Alabama Baptist State Convention.

Endowment: $308,287.19. Income from endowment, approximately $20,000. Income from other sources: $16,000 annuity from Alabama Baptist State Convention, in addition to students' tuitions and fees.

Total value of grounds, 35 acres, buildings and equipment, $686,798.14.

Carnegie Library (1908): 11,090 volumes; 81 current periodicals.

Physical examination of all students by the college physician. Gymnasium and swimming pool (1917). Infirmary (1922).

Admission requirements: 15 units: English 3, History 1, Mathematics 2. No conditions allowed.

Degree requirements: 120 semester hours; 120 credit points. Of these 59 semester hours are prescribed.

Physical culture required. Daily and Sunday chapel attendance required.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 1, 0. Education: 1, 0, 1, 0. English: 1, 2, 0, 0. Expression: 0, 0, 0, 1. French: 1, 0, 0, 0. Greek: 0, 1, 0, 0. History: 0, 1, 1, 0. Home Economics: 1, 0, 0, 0. Italian: 0, 0, 0, 1. Latin: 1, 1, 0, 0. Mathematics: 1, 0, 1, 0. Music: 1, 0, 0, 8. Philosophy: 0, 1, 0, 0. Physics: 1, 0, 1, 0. Physical Education: 1, 0, 2, 0. Religious Education: 0, 1, 0, 0. Spanish: 1, 0, 1, 0.

Enrolment for year ending June 30, 1926: 281.

Degrees conferred year ending June 30, 1926: 46: B.A., 38; B. Mus., 8.

Fees: Tuition, $100 a session; matriculation, $10; laboratory fees, $5 to $15. Charge for lodging and board, $250.

A limited number of free tuition scholarships.

Dates of beginning and ending sessions: September 16, 1927; May 28, 1928.

Quarterly bulletin includes catalog.

Administrative officers: President, E. V. Baldy, D.D.; Registrar, R. A. Davis, Jr.

JUNIATA COLLEGE

HUNTINGDON, PENNSYLVANIA

College; coeducational. Under the auspices of the Church of the Brethren (Dunkers).

Founded as "The Brethren's Normal School and Collegiate Institute" in 1876. In 1896 charter amended; changed to Juniata College.

Board of 21 trustees.

Endowment: $657,122.44. Income from endowment: $30,023.85. Income from other sources: $224,903.38. Total annual expenditures year ending June 30, 1926: $240,458.81. Jubilee campaign to raise $750,000; $550,460 already raised.

Grounds and buildings: Total value of grounds (40.4 acres), $68,800. Total present worth of buildings: $407,500. Total value of grounds, buildings and equipment: $522,800.

Library (1906): 46,000 volumes.

Laboratories (1911): Present worth of buildings: $90,000. Value of equipment: $20,000.

Health program: Physical examination required. Gymnasium and athletic field.

Admission requirements: If applicant offers 16 units or more, 3 units of condition may be allowed in prescribed entrance subjects.

Degree requirements: For A.B. and B.S.: 124 to 126 semester hours. Average of 75 on work of major and minor. Curriculum largely prescribed.

Physical education required, 4 semester hours.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 0, 1. Economics and Finance: 0, 0, 2. Education: 1, 0, 1. English: 0, 1, 2. Expression: 0, 0, 1. Greek: 1, 0, 0. History: 1, 0, 1. Home Economics: 0, 0, 2. Latin: 1, 0, 0. Mathematics: 1, 0, 1. Modern Languages: 0, 1, 2. New Testament Exegesis: 1, 0, 0. Philosophy: 1, 0, 0. Physics: 0, 0, 1. Piano: 0, 0, 1. Singing: 1, 0, 0. Violin: 0, 0, 1.

Enrolment for year ending June 30, 1926: 402.

Degrees conferred year ending June 30, 1926: 60.

Fees: Tuition, $150 a year; matriculation, $24; graduation, $8; laboratory, $8 to $20. Charge for lodging and board, $8.50 a week. Annual expenses: Low, $450; liberal, $500.

Scholarships and fellowships: 30 from $50 to $200 each.

Dates of beginning and ending sessions: September 13, 1927; June 4, 1928.

Summer session: 12 departments offer 50 courses; middle of June to middle of August. Attendance, 1925: 398.

Publications: Catalog in January; President's report in October.

Administrative officers: President, Martin Grove Brumbaugh; Dean of Men, C. C. Ellis; Dean of Women, Mrs. Katherine F. Roberts; Acting Registrar, A. W. Dupler.

KALAMAZOO COLLEGE

KALAMAZOO, MICHIGAN

Name for bequests: The Kalamazoo College.

College; coeducational; privately controlled; Baptist.

Founded in 1833.

Board of 36 trustees, three-fourths of them Baptist.

Endowment: $1,125,000. Income from endowment: $63,000. Income from other sources: $131,970. Total annual expenditures year ending June 30, 1926: $197,959.

Grounds and buildings: Total value of grounds (25 acres), $113,000. Total present worth of buildings, $455,730. Total value of grounds, buildings and equipment, $618,730.

Library (1901): 20,000 volumes; 156 current periodicals. Special collections: Williams Mathematical Library.

Laboratories (1927) cost $150,000; Physics and Chemistry; equipment, $40,000.

Health program: Health examinations of all students at entrance. Gymnasium (1898) valued at $20,000. Athletic field. Infirmary for women. College physicians for men and women.

Admission requirements: 15 units, including English 3, Foreign Language 2, Algebra 1, Geometry 1, Science 1, History 1.

Degree requirements: 120 semester hours; 120 grade points; 2 majors of 21 hours; 2 minors of 14.

General requirements: Physical education required first two years. Chapel attendance required. Women required to live in dormitories.

Departments and Staff. Ancient Languages and Literature: *Professors*, 2; *Assistant Professors*, 1; *Instructors*, 0. Biology: 1, 0, 1. Chemistry: 1, 0, 0. Economics: 1, 1, 1. Education and Psychology: 1, 2, 0. English: 1, 1, 3. History: 1, 1, 0. Modern Languages: 2, 0, 2. Physical Education: 0, 2, 1. Physics: 1, 0, 0. Sociology: 1, 1, 0.

Enrolment for year ending June 30, 1926: 395. Total number matriculates since foundation, 3,250.

Degrees conferred year ending June 30, 1926, 60. Total number degrees conferred since foundation, 1,059.

Fees: Tuition, $65 a semester; matriculation, $10; graduation, $10; laboratory, $3 to $7 a semester; room, $36 to $63; board, $6 a week. Annual expenses: Low, $450; liberal, $525.

Scholarships: 11, $50 a year each; 4, $100 a year each.

Research funds: $700 a year given by Upjohn Company for research in Chemistry.

Fifty per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 21, 1927; June 20, 1928.

University Extension: Evening classes at Kalamazoo and Grand Rapids.

Achievements of year ending June 30, 1926: Campaign in progress to complete $600,000 endowment fund and remove debt on Mary Trowbridge House. Gift of Science Hall by Mr. R. E. Olds.

Administrative officers: President, Allan Hoben; Deans, H. H. Severn, Faye H. Klyver (women); Registrar, J. H. Bacon. Officer in charge of foreign students, the President.

KANSAS STATE AGRICULTURAL COLLEGE

MANHATTAN, KANSAS

Land grant college; coeducational.

Provisions of Congress accepted by State of Kansas, February 3, 1863. Received building, library and land of Bluemont Central College in consideration of location at Manhattan. Instruction began September 1, 1863.

Board of 9 regents appointed by Governor of State, in charge also of other State educational institutions.

Six divisions: Agriculture, Engineering, General Science, Home Economics, Veterinary Medicine and College Extension. Agricultural Experiment Station, Engineering Experiment Station and Bureau of Research in Home Economics.

Endowment: $505,508.56. Income from endowment, $29,629.61. Income from other sources, State appropriations, $1,452,200; Federal appropriations, $230,962.06; fees and sales, $561,811.32; gift, $500. Expenditures for fiscal year, $2,201,714.82. Budget for 1926–27 in excess of $2,200,000.

Campus at Manhattan, 147 acres. Adjacent farms and experimental fields, 1,252 acres. Land owned at branch agricultural stations, 3,980 acres. Value of land exclusive of unsold endowment land, $632,914.

Value of 27 buildings, $2,390,000. Total value of land, buildings and equipment, $4,515,249.52. Valuation, in addition of 7,521 acres of unsold endowment land, $56,407.

Library (1927), cost $250,000; 78,374 volumes, including 17,000 government publications; 27,000 pamphlets; 800 current periodicals.

Laboratory equipment: Agricultural Economy, $5,433. Agricultural Engineering, $8,651. Agronomy, $30,119. Animal Husbandry, $33,737. Applied Mechanics, $29,503. Architecture, $11,693. Bacteriology, $14,478. Botany, $42,380. Chemistry, $63,274. Civil Engineering, $15,350. Clothing and Textiles, $7,627. Dairy Husbandry, $54,087. Electrical Engineering, $40,582. Entomology, $18,355. Food Economics and Nutrition, $18,471. Horticulture, $5,474. Household Economy, $5,209. Machine Design, $9,291. Mechanical Engineering, $24,748. Milling Industry, $27,256. Physics, $27,649. Poultry Husbandry, $10,620. Shop Practice, $44,467. Veterinary, $36,149. Zoology, $32,422.

Herbaria of flowering plants of Kansas, 70,000 specimens; collection of 25,000 specimens of fungi; 200 stock cultures of fungi; collection of Kansas insects; Warren Knaus collection of Coleoptera, etc. Institution maintains herds of beef, cattle, dairy cattle, horses and swine and flocks of sheep and poultry.

Department of Physical Education: Nichols Gymnasium (1911); full time physician; four full time nurses; and a hospital matron. Free clinic for students; 21,000 cases annually. Infirmary, 34 beds. Physical examination of all Freshmen.

Admission requirements: 15 units, English 3, Physics 1, prescribed for all curricula, and 2 or 3 units of Mathematics depending upon the curriculum chosen. A condition of 1 unit allowed; must be made up first year.

Degree requirements: For B.S., B.M., and D.V.M., about 130 semester hours required, besides requirements in Physical Education and Military Science, total varying with curriculum. As many quality points as semester hours required for graduation. English required in all curricula. Most of the work specified. Graduates in Agriculture are required to have at least six months of approved practical farm experience. Senior theses required in some of the Engineering curricula. M.S. conferred upon those who complete satisfactorily 32 semester hours of graduate work, in addition to undergraduate work equivalent to that of this institution.

Two years of physical education required of both men and women. Two years of military training required of men. Infantry, Coast Artillery and Veterinary units of the Reserve Officers' Training Corps maintained.

Departments and Staff: *Division of Agriculture:* Agricultural Economics: 3, 0, 1, 2. Agronomy: 3, 5, 4, 1. Animal Husbandry: 3, 2, 2, 2. Dairy Husbandry: 1, 2, 1, 2. Horticulture: 2, 0, 2, 0. Milling Industry: 1, 1, 0, 0. Poultry Husbandry: 1, 1, 1, 0. *Division of Engineering:* Agricultural Engineering: 1, 1, 2, 0. Applied Mechanics: 2, 1, 4, 1. Architecture: 1, 1, 1, 2. Civil Engineering: 2, 1, 1, 2. Electrical Engineering: 2, 0, 2, 4. Machine Design: 1, 2, 1, 2. Mechanical Engineering: 1, 1, 0, 2. Shop Practice: 1, 1, 4, 2. *Division of General Science:* Bacteriology: 2, 0, 1, 2. Botany and Plant Pathology: 2, 3, 2, 1. Chemistry: 5, 1, 6, 12. Economics and Sociology: 2, 0, 1, 1. Education: 5, 2, 1, 1. English: 5, 2, 2, 8. Entomology: 2, 1, 1, 1. History and Civics: 3, 1, 1, 1. Industrial Journalism and Printing: 2, 0, 2, 2. Library Economics: 1, 1, 2, 3. Mathematics: 3, 0, 3, 7. Military Science: 1, 2, 7, 4. Modern Languages: 1, 1, 1, 3. Music: 1, 3, 5, 7. Physical Education and Athletics: 2, 1, 4, 1. Physics: 3, 2, 2, 0. Public Speaking: 1, 2, 0, 2. Zoology: 3, 1, 1, 2. *Division of Home Economics:* Applied Art: 1, 0, 0, 3. Clothing and Textiles: 1, 1, 2, 1. Food Economics and Nutrition: 2, 1, 1, 2. Household Economics: 1, 0, 2, 2. *Division of Veterinary Medicine:* Anatomy and Physiology: 1, 1, 0, 0. Pathology: 1, 1, 1, 1. Surgery and Medicine: 1, 2, 0, 2. *Division of College Extension:* Institutes and Extension Schools: 1, 6, 7, 4. County Agent Work: 0, 2, 2, 0. Home Economics in Extension: 0, 0, 1, 7. Home Demonstration: 1, 0, 0, 1. Boys and

Girls Club Work: 1, 0, 0, 1. Rural Engineering: 1, 0, 1, 0. Home Study Service: 1, 2, 0, 5.

Enrolment year ending June 30, 1926, 4,019: Men, 2,528; women, 1,491. Agriculture, 485; Veterinary Medicine, 60; Agricultural Engineering, 33; Architecture, 81; Architectural Engineering, 26; Chemical Engineering, 42; Civil Engineering, 185; Electrical Engineering, 441; Flour Mill Engineering, 12; Landscape Architecture, 10; Mechanical Engineering, 115; Engineering, miscellaneous, 73; Home Economics, 578; General Science: Men, 359; women, 296. Rural Commerce: Men, 261; women, 36. Industrial Journalism: Men, 70; women, 78. Music: Men, 12; women, 103. Industrial Chemistry, 36. Physical Education: Men, 26; women, 38.

In 1926, 341 bachelor's degrees were conferred, 48 master's degrees, and 3 professional engineering degrees. Degrees conferred since foundation, 6,324.

Fees: For residents of Kansas general fees are: Matriculation, $10; incidental, $15; sick benefit, $3; student activity, $5 a semester; graduation, $10. Non-residents pay a matriculation fee of $15 and an incidental fee of $22.50 a semester, other charges being the same as for residents. For summer session no matriculation fee charged; incidental fee, $15 for residents, and $20 for non-residents, and sick benefit fee, $1.50. In Van Zile Hall (for women) charge for room a month is $9 to $12; board, $5.50 a week.

Scholarships and fellowships: Graduate assistantships in about 20 departments awarded each spring to graduate students who give half time in teaching or research and receive $500 for academic year. Two scholarships in debate.

Research funds available 1925–26 from Federal appropriations under the provisions of Hatch Act, $15,000; Adams Act, $15,000; Purnell Act, $20,000. State funds used for research are in excess of $200,000.

Dates of beginning and ending sessions: Second Monday of September; second semester opens 20 weeks from the next Tuesday. Commencement, Thursday of week beginning May 28.

Summer session: Next Monday after Commencement; first term continues for 9 weeks. Second session of 4½ weeks follows. 33 departments offered 372 courses in 1925 to 947 students. In connection with this session a 2-weeks school of Community Leadership is held for rural ministers.

Extension Division: For the year ending June 30, 1926, enrolment of 705 for college courses; 361 for high school courses, and 29 for non-credit courses (vocational).

Publications: Catalog in May. The President prepares a biennial report for Board of Regents, part of which is published. Annual report of Director of Agricultural Experiment Station published. Extension series of agricultural bulletins and other publications. Bulletins issued by Engineering Experiment Station and Bureau of Home Economics Research. Official organ of the college, The Kansas Industrialist, has been issued weekly during the academic year since April 24, 1875, except for a short time when it was issued monthly.

Administrative officers: President, Francis David Farrell; Vice-President and Dean, Division of General Science, Julius T. Willard; Dean, Division of Agriculture, Leland E. Call; Dean, Division of Engineering, Roy A. Seaton; Dean, Division of Home Economics, Margaret M. Justin; Dean, Division of Veterinary Medicine, Ralph R. Dykstra; Dean, Division of College Extension, Harry J. C. Umberger; Dean of Women, Mary P. Van Zile; Dean of the Summer School, Edwin L. Holton; Chairman of the Graduate Council, James E. Ackert; Registrar, Jessie McD. Machir. Prospective foreign students address the Vice-President.

KANSAS, UNIVERSITY OF

See: University of Kansas.

KENTUCKY, UNIVERSITY OF

See: University of Kentucky.

KENYON COLLEGE

GAMBIER, OHIO

College and theological school for men; privately controlled; affiliated with Protestant Episcopal Church.

Funds for this institution were secured in

England in 1823–24 by the Rt. Reverend Philander Chase, first Bishop of the Episcopal Church in the Northwest Territory, two of the principal donors being Lord Kenyon and Lord Gambier. Incorporated December 29, 1824.

Self-perpetuating Board of 27 Trustees; 3 ex officio members; 18 elected by the Board; 6 elected by Alumni.

Endowment: $1,547,811. Income from endowment, $103,088. Income from fees, dormitory rents, etc., $72,744. Total annual expenditures year ending June 30, 1926, $186,110. Budget, 1926–1927, $123,000.

Grounds and buildings: 3 dormitories for men (275). Total value of grounds, $35,000. Total present worth of buildings, $1,121,457. Total value of grounds, buildings and equipment, $1,250,000.

Alumni Library (1910); Stephens Stackroom (1902), 26,000 volumes; 170 current periodicals.

Samuel Mather Science Hall (1926), cost $350,000; new equipment, over $20,000.

Observatory: Telescope of 5¼ inches aperture.

Health program: Physical Director in charge of all student sports and games. Regular lectures to new men on hygiene. Gymnasium program. Gymnasium (1831, rebuilt 1899). Athletic field.

Admission requirements: 15 units, including Mathematics 2½, English 4, Foreign Language 4, History 2 or 1, Science 1 or 2. 2 units of Foreign Language entrance requirements may be removed during Freshman year.

Degree requirements: 128 semester hours; 16 hours English; 6 hours Mathematics; 6 hours American History; 30 hours Foreign Language; 18 in one language; 18 hours Science. For B.S. degree, 18 hours French or German, to include equivalent of 2 years study of each language; 40 hours Science.

General requirements: Physical education required for 2 years. Daily and Sunday chapel attendance required. All students required to reside in dormitories.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0; Chemistry: 1, 1, 0. Economics: 1, 1, 0. English: 1, 2, 0. Geology: 0, 1, 0. German: 1, 0, 0. Greek: 1, 0, 0. History: 2, 0, 0. Latin: 1, 0, 1. Mathematics: 1, 1, 0. Philosophy: 0, 1, 0. Physics: 1, 1, 0. Religion: 1, 0, 0. Romance Languages: 1, 1, 0.

Enrolment for year ending June 30, 1926: College, 263; Seminary, 33.

Degrees conferred year ending June 30, 1926: College, 44; Seminary, 14: A.B., 11; Ph.B., 14; B.S., 13; M.A., 6. Divinity School: B.D., 8; S.T.M., 3. Graduates, 3.

Fees: Graduation, $5. Laboratory, $5 a course. Entrance fee, $5. Advance deposit at beginning of each semester, credited on semester fees, $50. Tuition, $220 a year. Board, $7 a week. Room, $50 to $100 a year.

Scholarships: 20; $220 to $400.

Dates of beginning and ending sessions: September 21, 1927; June 18, 1928.

Publications: Catalog in autumn. President's report in May.

Achievements of year ending June 30, 1926: Completion of Samuel Mather Science Hall at cost of $350,000; $300,000 increase in endowment of Bexley Hall, the theological school.

Administrative officers: President, William F. Peirce, D.D.; Registrar, Richard C. Lord; Dean of Bexley Hall, The Reverend Charles E. Byrer, D.D.

KNOX COLLEGE

GALESBURG, ILLINOIS

Coeducational college; privately endowed. In the beginning affiliated with both Presbyterian and Congregational denominations. For many years it has had no denominational affiliations.

Chartered, February 15, 1837, by legislature of State of Illinois. Foundation laid by a colony formed at Whitesboro, New York, in 1836. In original agreement name was Prairie College. Changed in charter to Knox Manual Labor College; and in 1857 to Knox College, Knox County, a part of the tract set aside for sailors and soldiers of the Revolutionary War and the War of 1812; named for General Henry Knox.

Self-perpetuating board of 25 trustees of whom the president of the college is an ex officio member and chairman.

Financial resources: Endowment, $1,673,-032.69. Annual budget expenditures, $195,-000, of which $95,000 is from tuition and the balance from endowment income.

Grounds and buildings: Present valuation of 10 buildings with equipment is $500,000; of grounds, 15 acres, $200,000.

Library (1890), 30,000 volumes. Finley Collection of books and documents relating to early French and English period in Mississippi Valley.

Davis Science Hall (1911), valued at $110,000; equipment, $26,000; Physics, Chemistry and Biology.

Observatory: 5-inch telescope.

Health program: Freshman and Sophomore men required to elect either military training in the R.O.T.C., or physical education. Women in the Freshman and Sophomore classes required to take physical education. Gymnasium (1907), $25,000. Athletic fields.

Admission requirements: 15 units, including English, one Foreign Language, Mathematics, a laboratory science and History. One condition allowed; must be removed within one year.

Degree requirements: For A.B. or B.S., 124 semester hours including a major of at least 20 semester hours in one department. For A.B., additional work in Latin or Greek beyond that required for admission. For B.S., 24 hours of laboratory science.

General requirements: Chapel attendance required.

Departments and Staff: Biblical Literature: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 1, 1. Chemistry: 2, 0, 0. Economics: 2, 1, 0. Education: 1, 1, 2. English: 4, 1, 2. German: 1, 1, 0. Greek: 1, 1, 0. History and Government: 1, 2, 0. Mathematics: 2, 0, 1. Military Science: 1, 1, 1. Philosophy: 1, 0, 0. Physical Education: 1, 0, 2. Physics: 1, 1, 0. Psychology: 1, 0, 0. Public Speaking: 2, 0, 0. Romance Languages: 1, 3, 1.

Enrolment: Men, 375; women, 262. Total number of matriculates since foundation, 14,000.

Degrees conferred year ending June 30, 1926, 105. Total degrees since foundation, 2,996.

Fees: Tuition a semester, $112.50. Matriculation fee, $10. Laboratory fees, $3 to $6 a semester. Diploma fee, $5. Board and room in Whiting Hall (for women), $315 to $375. Room in Seymour Hall (for men), $100 a year; board, $230.

Scholarships amounting to $15,000 awarded annually. Loans to students from a capital fund of $15,000.

Employment bureau: Approximately one-third of men in college earn at least a part of their expenses during the college year.

Dates of beginning and ending sessions: First term: Third Monday in September; continues for 17 weeks. Second term: Monday following close of first term; continues for 17 weeks. Commencement, second Wednesday in June.

Publications: Annual catalog in March. President's report annually at commencement.

Administrative officers: President, Albert Britt; Dean, William Edward Simonds; Registrar, James Andrew Campbell.

LAFAYETTE COLLEGE

EASTON, PENNSYLVANIA

College for men, privately controlled. Affiliated with Presbyterian Church.

Chartered March 9, 1826 by Commonwealth of Pennsylvania as result of action on December 27, 1824, when citizens of Easton decided to found a college and "as a testimonial of respect for the talents, virtues, and signal service of General Lafayette in the great cause of Freedom, to name the institution Lafayette College." Board of Trustees organized May 15, 1826; instruction was begun May 9, 1832. Entered into formal relations with Presbyterian Church in 1849.

Self-perpetuating board of trustees subject to a veto on appointments by Presbyterian Synod of Pennsylvania.

Endowment: $2,750,000. Annual budget, $450,000.

Grounds (75 acres) and 55 buildings valued at $2,500,000.

Library: 62,000 volumes.

Laboratories: Physics and Geology in Pardee Hall. Separate building for Elec-

trical and Mechanical Engineering laboratories. Scientific apparatus valued at $210,000.

Museum of Natural History in Jenks Hall. Anthropological Museum in Pardee Hall.

Health program: Gymnasium and swimming pool, $400,000. College physician and full time nurse. Free clinic with 4,000 treatments annually. Medical inspection of all new students at entrance. Prescribed physical training first two years.

Admission requirements: The A.B. is offered to students taking 2 years of Latin or Greek in addition to 3 years of Foreign Language presented for admission. All other students in Liberal Arts and Sciences offered the B.S. A total of 148 credit units earned during 4 years of residence required. Instruction includes 4-year courses in Liberal Arts and Sciences, and 4-year courses in Chemistry and Engineering. Curriculum in first 2 years largely prescribed. In last 2 years there is free election, except that a student must complete a major of 18 credit units in one department, and a minor of 12 credit units in another department. Courses in Engineering have a prescribed freshman course, and for last 3 years different curricula leading respectively to degrees of B.S. in C.E., in E.E., in M.E., in Min. E., in Chem.E., in Adm.E., and in Chemistry. Work in the various curricula largely prescribed.

Daily chapel attendance required.

Departments and Staff: Bible and Religious Education: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Biology: 1, 0, 1, 1. Chemistry: 1, 2, 2, 2. Economics: 1, 0, 1, 6. English: 3, 0, 0, 4. Civil Engineering: 2, 2, 1, 1. Electrical Engineering: 1, 0, 1, 1. Fine Arts: 1, 0, 1, 0. Geology: 1, 0, 0, 1. Government and Law: 1, 0, 0, 3. Graphics: 1, 0, 1, 0. Greek and Latin: 1, 0, 1, 0. History: 1, 0, 2, 1. Mathematics and Astronomy: 2, 1, 2, 2. Mechanical Engineering: 1, 0, 1, 4. Military Science and Tactics: 1, 0, 2, 0. Mining Engineering: 1, 0, 1, 0. Modern Languages: 1, 1, 2, 2. Philosophy and Education: 1, 0, 1, 1. Physical Education: 0, 0, 1, 2. Physics: 1, 0, 0, 2. Sociology: 0, 0, 1, 0.

Enrolment limited to 1,000 students.

Degrees conferred year ending June 30, 1926, 220. Total number of degrees conferred since foundation, 5,613.

Fees: Annual college fee, $300. Approximate cost of board and room, $350 to $600 a year. Matriculation fee, $10. Graduation fee, $10. Laboratory fees for materials, $5 a course.

Scholarships to amount of $10,000 awarded annually; loans, $12,000 a year; 2 fellowships, $2,000 each.

One-third of students earn their way in part.

Dates of beginning and ending sessions: First term: Thursday nearest September 20; continues for 19 weeks. Second term: Monday following close of first term; continues for 18½ weeks. Commencement second Friday of June.

Summer session: Three weeks practice schools for Engineering students.

University extension: 21 courses; 350 students.

Publications: College Bulletin, including catalog, annual reports, etc., five times a year.

Achievements of year ending June 30, 1926: $50,000 added to Larkin Foundation for Chemistry. $400,000 stadium built and paid for.

Administrative officers: President, William Mather Lewis; Dean, Donald B. Prentice; Registrar, William M. Smith. Officer in charge of foreign students, Chaplain Elliott Speer.

LAKE ERIE COLLEGE

PAINESVILLE, LAKE COUNTY, OHIO

College for women; privately controlled. Undenominational.

Lake Erie College traces its history to that impulse for the higher education of women which resulted in the establishment of Mount Holyoke College by Mary Lyon, in 1837. Ten years later, with the same general purposes, Willoughby Seminary was begun at Willoughby, Ohio, and in its sixth year had reached an enrolment of 200, including non-resident students. In 1856 the building was burned, and it was decided to rebuild in Painesville with the hope of larger financial support. Lake Erie Seminary was incorporated in June, 1856, and opened in 1859 under the direction of teach-

ers from Mount Holyoke and Willoughby, and with a self-perpetuating Board of Trustees. In 1898 a charter was granted to Lake Erie College and Seminary. In 1908 the Seminary was discontinued and name changed to Lake Erie College.

Self-perpetuating board of 15 trustees.

Endowment: $783,075.45, of which $54,871.37 is restricted to Student Aid. Income from endowment for year 1925–26, $39,571.47. Expenditures for 1925–26, $207,168.64. Budget for 1926–27, $210,889. Gifts during 1925–26: For increase of endowment, $163,926. For Memorial Music Building, $300,000.

Value of grounds (40 acres), $132,000; of buildings, $555,550; of total plant, $1,580,511.81.

Library (1908), 20,160 volumes exclusive of government documents or pamphlets; 95 current periodicals.

Bentley Hall of Science (1897). Present value, $67,500. Value of equipment: Biology, $8,172; Chemistry, $3,350; Home Economics, $445; Physics, $2,200; Psychology, $325.

Health program: Health examinations required before entrance, given at college after entrance, also at beginning and end of each year. Gymnasium (1920); present value, $181,800. Athletic field; infirmary; nurse.

Admission requirements: 15 units, of which 3 must be in English, 2 in Mathematics, 1 in History, 2 in Latin, 2 others in Latin or in some other Foreign Language. Elective units from Foreign Language, Science, Mathematics or History. Only 2 may be in such subjects as General Science, Agriculture, Drawing or Home Economics. One unit of condition allowed; must be removed within one year.

Degree requirements: 120 semester hours exclusive of Physical Education in which 6 additional hours are required. One half of the requirements must be met with a grade of "Merit" (70–80); in third and fourth year work chiefly concentrated on development of majors and minors totalling at least 36 semester hours. Prescribed: English, 6 hours; English Speech, 6 hours; History, 6 hours; Psychology, 3 hours; Philosophy, 3 hours; Modern Foreign Language, 6 hours.

General requirements: 3 years of Physical Education required. Chapel attendance required. All students required to come into residence at the college.

Departments and Staff: Art: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bible: 1, 0, 0, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 0, 0. Education: 2, 0, 0, 0. English: 1, 0, 1, 1. English Speech: 0, 0, 1, 0. German: 0, 1, 0, 0. Greek: 1, 0, 0, 0. History and Government: 1, 1, 0, 0. Home Economics: 1, 0, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 0, 0. Music: 2, 0, 1, 0. Philosophy: 1, 0, 0, 0. Physical Education: 0, 1, 0, 1. Physics: 1, 0, 0, 0. Psychology: 1, 0, 0, 0. Romance Languages: 1, 1, 1, 1. Social Science: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 201.

Total number of matriculates since foundation, 34,564.

Degrees conferred year ending June 30, 1926, 31. Total number of degrees conferred since foundation, 408.

Fees: Tuition charge for year, $250; room and board for year, $450; necessary fees and incidentals for year, about $75.

Scholarships and Loans to amount of $2,400 awarded annually in amounts varying from $50 to $200. One fellowship for graduate study yields $300 annually.

Bureau of Appointments for graduates conducted by Dean. About 9 per cent of students during 1925–26 earned way in part through service for the college. No student attempts to earn entire way.

Dates of beginning and ending sessions: From last Thursday in September to third Monday in June.

Catalog annually in January.

Administrative Officers: President, Vivian B. Small; Dean, Lucy Dow Cushing; Registrar, Helen Brewer Dunlap.

LAKE FOREST COLLEGE

LAKE FOREST, ILLINOIS

Name for bequests: Lake Forest University.

College; coeducational; privately controlled. Trustees must be confirmed by Presbyterian Synod of State of Illinois.

Chartered 1857. College organized 1869; reorganized 1876.

Self-perpetuating board of 25 trustees.

Endowment: $1,501,762.26. Income from endowment, $85,966.95. Income from all other sources, $148,253.96. Total expenditures, $158,750.06.

Grounds and buildings: Total value of grounds (50 acres), $500,000. Total present worth of buildings, $823,950. Total value of grounds, buildings and equipment, $1,323,-950.

Library (1899), 38,000 volumes; 110 current periodicals.

Laboratories: Physics Building. Present worth, $100,000. Chemistry and Biology in College Hall.

Medical examination required of entering students. Physical education required; 4 years for women; 2 years for men. Special program of Hygiene. Gymnasium. Infirmary.

Admission requirements: 15 units, including Foreign Language 2, English 3, History 1, Mathematics 2, Laboratory Science 1.

Degree requirements: For A.B., 120 semester hours. For A.B. in Business Administration, 126 semester hours. 120 credit points also required.

General requirements: Chapel attendance required. Students must live on campus unless from immediate community.

Departments and Staff: Biblical Literature: *Professors*, 1; *Assistant Professors*, 1; *Instructors*, 0. Biology: 1, 0, 0. Business: 0, 1, 1. Chemistry: 1, 0, 0. Economics: 1, 0, 0. Education: 0, 1, 0. English: 1, 1, 0. German, French and Spanish: 1, 1, 0. Greek and Latin: 1, 0, 0. History: 1, 0, 0. Home Economics: 0, 0, 1. Italian: 1, 0, 0. Mathematics: 1, 0, 0. Music: 1, 1, 0. Philosophy and Psychology: 1, 0, 0. Physical Education: 1, 1, 1. Physics: 1, 0, 0. Speech: 1, 0, 0.

Enrolment for year ending June 30, 1926, 262: Men, 172; women, 90. Total number of matriculates, 2,100.

Degrees conferred year ending June 30, 1926: A.B., 22. Total number of degrees conferred since foundation: A.B., 900.

Annual expenses: Liberal, $750; low, $550.

Research fund: Bross Foundation, $40,-000; affords prize of $600 every ten years for book.

Sixty-five per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 21; Commencement, June 15, 1926.

Catalog in March.

Administrative officers: President, Herbert McComb Moore; Dean of Men, Garrett H. Reverton; Registrar, Fletcher B. Coffin.

LAWRENCE COLLEGE

APPLETON, WISCONSIN

College for men and women; privately controlled; affiliated with Methodist Episcopal Church.

Founded in 1846; chartered 1847; named for benefactor, A. A. Lawrence of Boston.

Self-perpetuating Board of Trustees consists of President of College, 30 trustees and 12 visitors. Not less than 6 trustees elected on nomination of the alumni.

Endowment: $1,783,164.86. Expenditures for year ending July 31, 1926, $496,183.-63.

Grounds and buildings: Total value of grounds (14 acres), $127,930. Total present worth of buildings, $897,397.40. Total value of grounds, buildings and equipment, $1,225,267.

Carnegie Library (1905), 54,000 volumes, including 7,000 government documents; 182 current periodicals.

Laboratory buildings valued at $110,000. Scientific apparatus valued at $28,000.

Museum of Natural Sciences in Stephenson Hall of Science.

Health program: College physician and nurse. Infirmary. Medical inspection of all Freshmen at entrance.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Natural Science 1.

Degree requirements: A total of 128 semester hours during 4 full years of residence. A.B. offered to students taking 3 years of Foreign Language. Students not taking Foreign Language offered Ph.B. degree.

General requirements: Physical Educa-

tion required first 2 years. Women students must live in one of the halls.

Departments and Staff: Art History and Appreciation: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Biblical Literature: 1, 0, 0. Botany: 1, 0, 0. Chemistry: 1, 1, 0. Commerce: 2, 0, 0. Economics: 2, 0, 0. Education: 1, 0, 0. English Composition and Journalism: 1, 0, 4. French: 1, 0, 2. Geology and Mineralogy: 1, 0, 1. German, 1, 0, 1. Greek: 1, 0, 0. History: 3, 0, 0. Latin: 1, 0, 1. Library Science: 0, 1, 0. Mathematics, Engineering and Astronomy: 1, 1, 0. Music: 7, 0, 0. Philosophy: 1, 0, 1. Physics: 1, 0, 0. Physical Education: 0, 0, 2. Political Science: 1, 0, 0. Psychology: 1, 0, 0. Public Speaking: 1, 0, 1. Religion and Missions: 1, 0, 0. Sociology: 1, 0, 0. Spanish: 0, 1, 1. Zoology: 1, 0, 1.

Enrolment for year ending June 30, 1926: College of Liberal Arts, 877: Men, 430; women, 447. Conservatory of Music, 533: Men, 180; women, 353.

Degrees conferred year ending June 30, 1926: 118: A.B., 105; Ph.B., 7; B.M., 2; A.M. (honorary), 2; LL.D. (honorary), 2.

Fees: Tuition, $15. Incidental fee, $60. Matriculation, $10. Graduation, $10. Laboratory, $2 to $6. Student activities fee, $6.50 a semester. Lodging and board, $285 to $335. Annual expenses: High, $1,200; low, $600.

Scholarships: 20; $25 to $125 each.

Dates of beginning and ending sessions: Freshman week, September 14; September 20, 1927; June 11, 1928.

Publications: College bulletins, including catalog.

Achievements of year ending June 30, 1926: Gift of $200,000 for new gymnasium. Campaign for $3,000,000 for equipment and endowment undertaken. $25,000 athletic field built and paid for.

Administrative officers: President, Henry Merritt Wriston; Dean of the College, Wilson Samuel Naylor; Dean of Women, Twila Lytton; Dean of Men, Francis M. Ingler; Dean of Freshmen and Director of Admissions: Rollin C. Mullenis; Registrar, Olin A. Mead; Officer in charge of foreign students, A. A. Trever.

LEBANON VALLEY COLLEGE

ANNVILLE, PENNSYLVANIA

College of Liberal Arts. Coeducational. Maintained and controlled by Pennsylvania and East Pennsylvania and Virginia Conferences of the Church of the United Brethren in Christ.

Founded in 1866. In 1867 the legislature of the State of Pennsylvania granted charter.

Organization: Charter rights vested in East Pennsylvania Conference which has delegated some of its rights to Board of 33 Trustees; East Pennsylvania Conference, 12 members; Pennsylvania Conference, 12 members; Virginia Conference, 6 members; Alumni Association, 3 members. These members are elected by their respective units at their annual stated meetings, and the selection of the last three units are confirmed by the first, in whom the charter rights are vested.

Amount of endowment: $556,862.31. Income from other sources, $13,559.22. Total annual expenditures year ending June 9, 1926, $137,770.18.

Grounds and buildings: Value of grounds (15 acres), $34,500. Value of 9 buildings, $233,750. Value of equipment, $49,285.

Carnegie Library (1904–05), 8,101 volumes, including 300 government documents; 113 current periodicals.

Laboratories in north end of Administration Building (1905). Value of apparatus, $18,500.

Health program: Physician. Gymnasium (1913). Athletic field.

Admission requirements: 15 units and a 4-year high school course. No conditions in quantity are permitted, but 2 units of condition in prescribed units permitted. Units prescribed for all degrees: English 3, Mathematics 2, Foreign Language 2, History and Social Science 1, Physical Science 1.

Degree requirements: 126 semester hours of which at least 63 must have a grade of C or better.

General requirements: Physical Education required in first 2 years. Chapel attendance required.

Departments and Staff: Bible and New

Testament: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 4. Chemistry: 1, 0, 2. Education and Psychology: 1, 0, 2. English: 1, 1, 2. French: 1, 2, 1. German: 1, 0, 1. Greek: 1, 1, 0. History: 3, 0, 0. Latin: 1, 0, 0. Mathematics: 2, 0, 0. Philosophy and Religion: 1, 0, 0. Physics: 1, 0, 2. Political and Social Sciences: 1, 1, 0. Spanish: 1, 0, 0.

Enrolment for year ending June 30, 1926: College: 323; Conservatory of Music: 107.

Degrees conferred year ending June 30, 1926, 63. Total number of degrees conferred since foundation, 1,159.

Fees: Tuition, $185 a year; matriculation, $20; graduation, $15; Laboratory, $10 to $24; charge for lodging and board, $275. Annual expenses: Liberal, $600; low, $500.

Scholarships: 54; $100 each.

Employment bureau: 27 per cent of students earn all or part of their expenses.

Dates of beginning and ending sessions: September 19, 1927; June 13, 1928.

Summer session: June 19 to July 30, 1928. In 1926 eleven departments offered 34 courses. Attendance, 1925, 99.

University Extension: Harrisburg, Lebanon, Muir and Annville. Eleven departments offered 15 courses. Enrolment, 143.

Publications: Catalog in March. President's report in June.

Administrative officers: President, George Daniel Gossard, D.D.; Registrar, Samuel O. Grimm.

LEHIGH UNIVERSITY

BETHLEHEM, PENNSYLVANIA

Privately controlled university for men with three Colleges: Arts and Science, Business Administration, and Engineering. Graduate work leading to a master's degree; and an Institute of Research.

Self-perpetuating Board of 10 Trustees consisting of corporate members elected for life, 6 alumni trustees each elected for a term of 6 years, and, at present, 1 honorary member.

Chartered by Legislature of Pennsylvania February 9, 1866. In 1865 the Hon. Asa Packer, of Mauch Chunk, inaugurated a movement to provide an institution that would afford education in the learned professions and in technical branches, the importance of which was then just becoming apparent in the development of the industrial and transportation interests of the country. He made an initial donation of a tract of land and the sum of $500,000, to which he added during his lifetime and by his will.

Endowment approximately $4,500,000, with pledges of over $1,000,000 additional. Total expenditures for the year ending August 31, 1926, $869,341.91. Total budget approved for the fiscal year beginning September 1, 1926, $720,000. Donations for endowment of J. T. Stuart Chair of Railroad Engineering and of Henry Marison Byllesby Memorial Research Fellowships. Through the "Lehigh Plan" of voluntary annual contributions from alumni a considerable sum of money was realized and assigned toward expense of operation.

Total value of all university buildings and grounds, exclusive of fraternity houses and professors' residences, but inclusive of laboratory and other equipment, $3,500,000.

Lucy Packer Linderman Library (1878), 168,257 bound and unbound volumes; 500 current periodicals. Special collections: Eckley B. Coxe Library of Early Science; the Joseph W. Richards Library of Metallurgy; Civil War Collection; a collection of English books printed prior to 1640, including the first and second folios of Shakespeare; incunabula; an excellent collection of bound newspapers and of books bearing particularly on the American Revolution and on geography and travel.

The University has 5 buildings devoted primarily to laboratory purposes: Physics and Electrical Engineering Laboratory; W. A. Wilbur Engineering Laboratory and Power House; Fritz Engineering Laboratory (Hydraulics and testing of materials of construction); Eckley B. Coxe Mining Laboratory; William H. Chandler Chemical Laboratory.

Robert H. Sayre Astronomical Observatory. Equatorial 6-inch telescope by Alvin Clark and other equipment.

Health Service Department: Physical examination required of each student each

year. Dispensary open daily with the Director, the Assistant Director, and a trained nurse in attendance. The Director is responsible for the health of students and employees of the University, and for the general sanitation of University buildings and grounds. Health Service Department is responsible for conduct of lectures on personal hygiene required of all Freshman students, for small-pox vaccination required for admission, and for typhoid inoculation when requested. Three athletic fields. Adjoining Taylor Field on the campus, Taylor Gymnasium and Field House. Taylor Stadium (12,000).

Admission requirements: Candidates at least 16 years of age, must present testimonials of good moral character, and be qualified in 15 units, as follows: English 3, History 1, Elementary Algebra 1, Intermediate Algebra ½, Plane Geometry 1, Latin A or B, or German A, French A, or Spanish A, 2. Students entering the College of Arts and Science and the College of Business Administration are required to present additional elective subjects having a value of 6½ units, while students entering the College of Engineering are required to present an additional half unit in Solid Geometry, a half unit in Plane Trigonometry and Logarithms, and elective subjects having a value of 5½ units. The electives may be selected from an approved list. Students are admitted by certificate from approved high schools and preparatory schools, by examination at the University, and by the College Board and Regents Examinations.

Degree requirements: For A.B.: 120 hours exclusive of requirements in Military Science and Tactics and in Physical Education, two-thirds of which are prescribed and one-third elective. For B.Sc. in Business Administration: 128 hours exclusive of Military Science and Tactics and Physical Education, practically all prescribed. For B.Sc. in College of Engineering: 136 hours exclusive of Military Science and Tactics and Physical Education and exclusive of certain summer requirements in surveying, assaying, and engineering laboratory. Physical Education required throughout 4 years. Military Science and Tactics (basic course of R.O.T.C.) required of all physically fit first and second year students. (An infantry and an ordnance unit.)

Chapel attendance required during first 2 years, except that students who prefer to do so may elect one year of work in Ethics in place of chapel.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 2, 3, 5, 5. Civil Engineering: 2, 2, 2, 3. Economics, Sociology and Business Administration: 2, 0, 3, 1. Electrical Engineering: 1, 3, 1, 4. English: 2, 0, 1, 6. Geology: 1, 0, 2, 2. German: 1, 1, 0, 1. Greek: 1, 0, 0, 0. History and Government: 1, 1, 0, 1. Latin: 1, 0, 0, 1. Mathematics and Astronomy: 2, 3, 2, 2. Mechanical Engineering: 4, 0, 2, 3. Metallurgy: 1, 0, 2, 1. Military Science and Tactics: 1, 0, 4. 1. Mining Engineering: 1, 1, 0, 0. Philosophy, Psychology and Education: 1, 0, 2, 1. Physical Education: 1, 0, 1, 1. Physics: 1, 1, 2, 8. Romance Languages: 1, 0, 2, 2.

Enrolment year ending June 30, 1926: 1,643: Undergraduates, 1,465; graduates, 40. Evening classes, 81. Special students, 6. Summer students, 276. The total number of matriculates since the founding of the University is 12,734.

Degrees awarded during year ending June 30, 1926: M.A., 1; M.S., 3; B.A., 30; B.S. in Business Administration, 46; C.E., 17; M.E., 27; Met. E., 6; E.M., 25; E.E., 21; Chem. E., 20; Mar. E., 1; B.S. in Engineering-Physics, 2. The total number of degrees conferred since founding, 4,200.

Fees: Tuition fee, $300 a year of nine months. (After September 1, 1927, this fee will be increased to $400.) Matriculation fee, $5. Annual Health Service fee, $10. Annual athletic fee, $15. Library fee, $5. Graduation fee, $10. Laboratory fees rarely in excess of $50. Rooms in dormitories, $50 to $120 a year. An economical student can get through the year on $1,000; students partially supporting themselves may greatly reduce this expenditure.

Scholarships and fellowships: 24 free and 76 deferred tuition scholarships, the latter being loans on which interest is charged from the date of graduation. Loan Funds

($242,000). The New Jersey Zinc Company has provided an endowment of $15,000, and the widow of Colonel Henry Marison Byllesby a fund of $40,000, the annual income of which is available for research fellowships in the Institute of Research.

Bureau of Student Housing and Employment assists students to secure positions.

Dates of beginning and ending sessions: Wednesday nearest September 20; first or second Tuesday of June.

Summer session begins immediately after July 4 and continues six weeks. In 1926 15 departments offered 93 courses. Attendance, 1926, 336. Required summer courses in surveying, assaying and engineering laboratory begin Monday preceding Commencement and continue for varying periods usually one month except in the case of railroad surveying, which is given through a period of two weeks following four weeks of plane surveying. These courses require a full day, six days a week.

Publications: Catalog and Comptroller's report. Institute of Research publishes circulars and bulletins containing articles by members of the faculty.

The most noteworthy achievements of the past academic year include the successful launching of the "Lehigh Loyalty Fund Plan" for securing voluntary contributions from the alumni to enhance the annual operating budget, and the completion of a long intensive study of engineering education and of radical revisions in the practice of the University with respect to its engineering curricula.

Administrative officers: President, Charles Russ Richards; Dean, Charles Maxwell McConn; Assistant Dean and Registrar, George Bartlett Curtis.

LEWIS INSTITUTE

CHICAGO, ILLINOIS

College of science, literature and technology for men and women; privately controlled; non-sectarian.

John and Allen C. Lewis bequeathed a large part of their estates in 1874 and in 1877 to found the Institute. Incorporated in 1895; opened in 1896.

Self-perpetuating board of 5 trustees, who are authorized to associate with themselves a number of educational advisors, the two bodies constituting one Board of Managers.

Endowment: $1,500,000. Annual budget, $300,000.

The grounds, buildings, and equipment represent an expenditure of approximately $1,000,000.

Library: 30,000 volumes.

Laboratories: In addition to shops and drafting rooms there are laboratories for Physics, Chemistry, Biology, Steam Engineering, Mechanical Engineering, Electrical Engineering and Home Economics. Scientific apparatus valued at $150,000.

Admission requirements: Full equivalent of graduation from a 4-year high school. 15 units, of which 3 in English are the only ones prescribed.

Degree requirements: For title of Associate, reckoned from beginning of usual high-school period, 8 courses in English, of which 2 in English Composition must be in advance of admission requirements; 4 in Social Science, which includes History, Civics, Economics, Psychology, and Education; 4 in Foreign Languages, all in one language; 4 in Mathematics, 2 in Algebra and 2 in Geometry; and 4 in Science, of which 2 must be in a Laboratory Science; and electives amounting in all to 60 semester hours of college work. For degree of B.S. in Arts and Sciences, in addition to requirements for the title, are 60 semester hours of electives, of which 40 must be senior college courses; in Engineering and Home Economics, 140 semester hours required, nearly all prescribed.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Business Administration: 1, 1, 0. Chemistry: 2, 1, 3. Education: 1, 0, 0. Engineering: 3, 2, 3. English: 1, 3, 2. Foreign Languages: 2, 1, 3. History and Economics: 2, 0, 1. Home Economics: 1, 4, 0. Mathematics: 1, 3, 0. Physics: 1, 1, 2. Psychology and Philosophy: 1, 0, 0.

Enrolment for year ending June 30, 1926, as candidates for title or degree: 1,039: Men, 768; women, 271.

Degrees conferred year ended June 30,

1926, 100. Total number of degrees conferred, 739.

Average annual tuition for full time students is $150.

Scholarships amounting to $7,000 awarded annually.

A majority of students earn enough to pay their way in whole or part.

Dates of beginning and ending sessions: Autumn quarter of day session begins last Monday in September and continues for 12 weeks; winter quarter begins first Monday in January; spring quarter begins first Monday in April.

Summer session of 10 weeks begins last Monday in June. Attendance, 1925, 490.

Evening session begins second Monday in October and is divided into two terms of 15 weeks each. Attendance, 1925, 1,861, most of whom were adults.

Circular of Information in April and October.

Administrative officers: Director, George Noble Carman; Dean of the Faculty, Edwin Herbert Lewis; Registrar, Agnes Joslyn Kaufman.

LINCOLN UNIVERSITY

LINCOLN UNIVERSITY, CHESTER COUNTY, PENNSYLVANIA

College and Theological Seminary for Negro men, privately controlled. Affiliated with Presbyterian Church.

Chartered in 1854 by State of Pennsylvania as Ashmun Institute. In 1886 name changed to Lincoln University. Initially the University consisted of a Preparatory Department, a Collegiate Department, and a Theological Seminary. In 1893 the Preparatory Department was closed. Self-perpetuating board of 21 members.

Financial resources: Endowment: $697,000. Income from endowment, 1925–26, $35,600. Income from students, $63,000. Contributions and gifts for current expenses, $17,500. Annual budget, $115,500.

Grounds and buildings: There are 12 buildings on the campus devoted to educational purposes and 12 residences occupied by officers of instruction. Estimated value of 24 buildings, grounds (145 acres), and equipment, $700,000.

Library, 40,000 volumes.

Science Hall (1926), cost $85,000; Biology, Chemistry, and Physics; equipment valued at $21,000.

Observatory: 5¼-inch telescope.

Health program: Medical inspection required of all Freshmen at entrance. A course in Hygiene and Physical Education required in first year.

Admission requirements: 15 units, including English 3, History 1, Foreign Language 2, Algebra 1, Plane Geometry 1. Graduation from an accredited preparatory or high school. Recommendation by school principal. Two units of condition allowed.

Degree requirements: 128 semester hours; 12 semester hours of Foreign Language, 6 of Ancient Language, 12 of English, 6 of Biology, Chemistry or Physics, 2 of Hygiene, 8 of Bible. To qualify for the A.B. degree a student must take a minimum of 24 semester hours from one of the following divisions: (1) Languages and English, (2) History and Political Science, (3) Natural Science and Mathematics, (4) Education and Philosophy.

General requirements: Attendance at 80 per cent of the Sunday and 80 per cent of the daily chapel services required.

Departments and Staff: One *Professor* in each of the following subjects: Mathematics, Theology and Philosophy, Greek and New Testament Literature, English, Social Science, Biology, Chemistry, Church History and Homiletics, Pastoral Theology, Bible and Hebrew. One *Assistant Professor* in Physics and one in French and German. One *Instructor* in English and one in Philosophy.

Enrolment for year ending June 15, 1926: College, 279; Seminary, 19.

Degrees conferred in 1926: A.B., 59; S.T.B., 5. Total number of degrees conferred since foundation: 1,764.

Fees: Tuition charge, $110. Room and board, $175 to $225. Incidental expenses approximate, $50. Matriculation fee, $5. Graduation fee, $5. Laboratory fees, $3.

Scholarships of $7,380 value awarded annually.

Employment: Nearly all students are in part and at least 30 per cent are entirely self-supporting.

Dates of beginning and ending sessions: First term begins third Tuesday in September and continues for 17 weeks. Second term begins on Monday following close of first term and continues for 17 weeks.

Publications: College bulletin, including catalog.

Administrative officers: Acting President, Walter L. Wright; Dean of the University, William H. Johnson, D.D.; Dean of the College, George Johnson; Registrar, Arthur E. James.

LINDENWOOD COLLEGE

ST. CHARLES, MISSOURI

College for Women, affiliated with Presbyterian Church, U. S. A.

Founded 1827 by Major George C. and Mrs. Mary Easton Sibley. Chartered February 24, 1853. Entered into formal relations with Presbyterian Church 1831.

Board of Directors subject to confirmation by the Synod of Missouri.

Endowment: $1,711,246.76. Budget for 1926–27, $378,000.

Grounds and buildings: Campus of 138 acres with 19 buildings. Value, $1,500,000.

Library: 12,000 volumes; 80 periodicals. Special collections: Sibley Collection of manuscripts of early history of Missouri.

Equipment of scientific laboratories valued at $50,000.

Health program: Gymnasium, swimming-pool, athletic field, golf links. College Physician; two nurses. Free clinic. Infirmary. Medical examination of all students on entrance. Physical training required in first two years.

Admission requirements: 15 units.

Degree requirements: Four-year courses in Liberal Arts and Sciences. 124 semester hours earned during four years of residence (exclusive of Physical Education) required for degrees; 496 credit points (average grade).

General requirements: All students not residents of St. Charles required to live in dormitories. Daily attendance at chapel and Sunday services required.

Departments and Staff: Art: *Professors*, 1. Bible: 1. Biology: 3. Business: 1. Chemistry: 2. Classics: 1. Education: 1. English: 6. History: 2. Home Economics: 2. Mathematics: 1. Modern Languages: 3. Oratory: 2. Physical Education: 2. Sociology: 1. Music: 8.

Enrolment limited to 500 students.

Degrees conferred year ending June 1, 1926, 84.

Fees: Annual college expense including tuition, fees, board and room, $750.

Scholarships amounting to $10,000 awarded annually. Loan fund.

Dates of beginning and ending sessions: First semester, September 14, 1927, to January 26, 1928. Second semester: January 27 to May 29, 1928.

University Extension: Evening classes for the benefit of teachers in St. Charles public schools.

Catalog in March.

Administrative officers: President, John L. Roemer; Dean of College, Alice E. Gipson; Registrar, Charlotte Thurman.

LORETTO HEIGHTS COLLEGE

3000 SOUTH FEDERAL BOULEVARD
LORETTO P. O., DENVER, COLORADO

Catholic college for women; privately controlled. Courses lead to B.A., and B. Mus.

Founded in 1891. Incorporated in 1898 under laws of Colorado. At first an academy only; in 1918 college was opened.

Owned and governed by the Sisters of Loretto, an American religious community founded in Kentucky in 1812; with the Bishop of Denver as President; Board of Regents chosen by the college.

Financial resources: Endowment, $1,550,000. Income from all sources: $75,000. Plant and equipment valued at $1,200,000.

Library: 10,000 volumes.

Health program: Physical training required of every student during first and second years. Gymnasium. Isolation hospital and infirmary.

Admission requirements: 15 units, including English 3, Mathematics 2, Science 2, one of which must be either Physics or Chemis-

try; History 2, Foreign Languages 2. The work must be distributed over 4 years. No conditions permitted.

Degree requirements: For A.B., 120 semester hours. Major, 30 semester hours; minor, 20. For B. Mus., 120 semester hours, of which 54 must be in academic subjects.

General requirements: All students whose homes are not in Denver or vicinity required to live at the college. All Catholic students required to pursue courses in Religion. Non-Catholic students must attend such religious exercises as are prescribed for the whole student body on Sundays and holydays of obligation.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 1, 0, 0. Chemistry: 1, 0, 0, 0. Classical Languages: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 1, 1, 1, 0. History: 1, 0, 0, 0. Mathematics and Physics: 1, 0, 0, 0. Romance Languages: 1, 0, 0, 0. Music: 1, 0, 1, 2. Philosophy and Psychology: 1, 1, 1, 0. Physical Education: 1, 1, 0, 0. Religion: 1, 1, 0, 0. Social Science: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 288. Total number of matriculates since foundation, 465.

Degrees conferred 1926: 14: B.A., 11; B.Mus., 3. Total number of degrees since foundation, 58.

Fees: Tuition, $150 a year. Board and lodging for year, $300 to $500. Music, $100 to $200 a year. Matriculation fee, $5. Graduation fee, $15. Incidental fees approximate $25 a year.

Twelve scholarships awarded in 1925–26.

Dates of beginning and ending sessions: First term: September 13, 1926. Second term: February 2, 1927; June 7, 1927.

Summer session: June 19 to July 31. Courses offered in seven departments for teachers. Attendance in 1925, 50.

Catalog in May.

Administrative officers: President, Mother Mary Eustachia; Dean, Sister Mary Doloriné; Registrar, Sister Mary Vivian.

LOUISIANA, CENTENARY COLLEGE OF

See: Centenary College of Louisiana.

LOUISIANA COLLEGE

PINEVILLE, LOUISIANA

Coeducational college; privately controlled; owned by Louisiana Baptist Convention.

Founded in 1906 by Louisiana Baptist Convention as a successor to two older Baptist colleges.

Board of 21 Trustees appointed by Louisiana Baptist Convention.

Financial resources: Endowment, $300,000. Annual budget, $120,000.

Value of grounds and buildings, $560,000.

Library, 8,000 bound volumes.

Laboratories in Alexandria Hall; Biology, Chemistry, Physics. Scientific apparatus valued at $35,000.

Health program: Gymnasium, athletic field, infirmary. Medical inspection of entering students. Physical Education required first two years.

Admission requirements: 15 units. No conditions permitted.

Daily chapel attendance required.

Degree requirements: For A.B.: 60 college hours, in addition to certain fundamental requirements. All applicants for degrees must complete a major of 12 session hours and a related minor of 6 session hours.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Athletics: 1, 0, 0, 2. Bible: 1, 0, 0, 1. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 0, 0. English: 1, 0, 0, 1. Expression: 0, 0, 0, 1. French: 1, 0, 0, 0. Greek and Latin: 1, 0, 0, 1. History: 1, 0, 1, 0. Home Economics: 0, 0, 1, 0. Mathematics: 1, 0, 1, 2. Physics: 1, 0, 1, 2. Psychology and Education: 1, 0, 1, 0. Social Sciences: 1, 0, 0, 0. Spanish: 0, 0, 1, 0.

Enrolment, 1925–26, 623.

Degrees conferred year ending May 31, 1926, 37. Degrees conferred since foundation, 233.

Fees: Annual college fees, $130.50. Cost of board and room, $205 to $235. Graduation fee, $5. Laboratory fees from $7.50 to $22.50.

Dates of beginning and ending session: From Tuesday nearest to September 20; continues 36 weeks. Summer session begins

on Wednesday, June 10, and continues for 12 weeks. Attendance, 265.

Publications: Louisiana College Bulletin, quarterly.

Administrative officers: President, Claybrook Cottingham; Dean, H. M. Weathersby; Registrar, A. M. Creed.

LOUISIANA STATE UNIVERSITY AND MECHANICAL COLLEGE

BATON ROUGE, LOUISIANA

State university for men and women. Supported by a State constitution provision for a half mill tax on the assessed property of Louisiana, by special legislative appropriations by the State and by appropriations by the U. S. Government.

First president (called superintendent) was William Tecumseh Sherman, chosen in 1859. Academic work was begun January 2, 1860, in the new building in Pineville, Louisiana. Fire destroyed the building in 1869, and the school was moved to Baton Rouge where temporary quarters were found. In 1886 moved to abandoned U. S. Army Post in Baton Rouge, which by an act of Congress was given to the university in 1902. In 1877 the Agricultural and Mechanical College which had made a beginning at Chalmette, Louisiana, June 1, 1874, was moved to Baton Rouge and consolidated with the university. In 1922 the university began the erection of a new plant which was occupied in 1925, but which has not been completed to date, though over $5,000,000 have been spent on it.

Board of 14 supervisors, appointed by the Governor of Louisiana, Governor being ex officio president.

Divisions: Resident instruction: Engineering, Arts and Sciences, Agriculture, Teachers College, Audubon Sugar School, Law School. Extension Work: Correspondence teaching, extension classes, and agricultural extension. Agricultural and engineering experimental research.

Endowment funds, $318,863.03. Income from endowment, $14,555.78 annually. Income from State, $1,724,371.53. Income from U. S. Government, $263,685.58. Income from private gifts, $36,292.81. Income from institutional funds, $72,670.54. Income from earnings, $44,792.52. Expenditures, 1925–1926, $2,387,988.41. Budget, 1926–1927, $2,000,000.

Grounds and buildings: Residence hall for women (120). Residence hall for men (750). Value of grounds (3,389.27 acres), $575,000. Value of buildings, $4,900,000. Value of equipment, $553,811.40. Total value of buildings, grounds and equipment, $6,028,811.40. The old site, within the city of Baton Rouge, is the former U. S. Army Post. In and about it centered many historic events. Zachary Taylor lived on these grounds when elected President of the United States. Flags of many nations have flown as sovereign emblems over this site. Lincoln, Mark Twain, Admiral Dewey, and Lafayette are names enmeshed in its history.

Library: New campus (1925), 78,000 volumes; 50,000 pamphlets; 9,000 government documents; 295 current periodicals. Law Library, 8,412 volumes. Special collections: Files of Louisiana newspapers, 1,300 volumes. Old Campus Library (1902) maintained as reading room for freshman and sophomore women; 600 volumes; 29 current periodicals, delivery service from new library.

Laboratories: 11 buildings contain following laboratories: Chemistry, Mechanical Engineering, Highway Engineering, Civil Engineering, Hydraulic Engineering, Machine Shops, Auto Mechanics, Ceramics, Sugar Engineering, Physics, Electrical Engineering, Bacteriology, Zoology, Botany, Geology, Animal Pathology, and special research laboratories in agricultural lines. 9 of these buildings are new and the other two are modern. Value of buildings: $1,750,936.68. Value of equipment: Auto Mechanics, $18,500; Machine Shops and Foundry, $80,000; Sugar House, $60,000; Steam Laboratory, $25,000; Ceramics, $6,000; Chemistry, $150,000; Botany and Bacteriology, $12,500; Zoology, $9,000; Veterinary Science, $5,000; Geology, $7,500; Hydraulics, $5,000; Highway Engineering, $10,000; Civil Engineering, $5,000; Physics, $8,000; Electrical Engineering, $25,000.

Health program: Chief surgeon, nurse,

two athletic directors, hospital, $150,000 stadium, athletic fields.

Admission requirements: 15 units, including English 3, Algebra 1½, Plane Geometry 1, History 1, a Foreign Language 2 (except College of Agriculture and course in Home Economics). No conditions allowed except in Mathematics and Foreign Language. In such cases, not more than 2 units allowed. Conditions must be removed within the first year.

Degree requirements: For B.A., or B.S.: 144 semester hours; B.S. Engineering: 144 to 148 semester hours; LL.B.: 72 semester hours of academic work and 80 semester hours of law subjects (3 years); M.A. or M.S. require at least 24 semester hours of graduate work and thesis. Engineering curricula prescribed. For B.A. or B.S. (Liberal Arts) at least one-half of the work is prescribed.

General requirements: A minimum of 2 years required of all men in either Military Science or Physical Culture; of women, a minimum of 2 years required in Physical Culture.

Departments and Staff: Agricultural Education: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Agronomy: 1, 0, 0, 2. Ancient Languages: 1, 0, 0, 0. Animal Industry: 1, 0, 1, 0. Auto Mechanics: 0, 0, 0, 2. Botany and Bacteriology: 2, 1, 0, 3. Ceramics: 0, 0, 1, 0. Chemistry: 1, 1, 5, 1. Civil Engineering: 2, 1, 0, 0. Commerce: 1, 0, 1, 2. Comparative Literature: 2, 1, 0, 2. Dairying: 0, 0, 1, 2. Drawing: 1, 0, 0, 0. Economics and Sociology: 1, 0, 2, 0. Education: 3, 0, 0, 0. Electrical Engineering: 1, 0, 1, 2. English: 1, 1, 1, 2. Farm Mechanics: 1, 0, 0, 1. Forestry: 1, 1, 1, 0. Geology: 1, 0, 1, 0. German: 1, 0, 0, 0. Government: 1, 1, 0, 2. Highway Engineering: 1, 0, 0, 0. History: 2, 1, 1, 0. Home Economics: 1, 1, 0, 2. Horticulture: 0, 0, 1, 0. Journalism: 1, 0, 0, 1. Landscape Gardening: 0, 0, 0, 1. Law: 2, 2, 0, 1. Mathematics: 3, 1, 1, 3. Mechanical Engineering: 2, 0, 1, 2. Military Science: 1, 0, 3, 2. Music: 1, 0, 1, 6. Public Speaking: 1, 1, 0, 2. Physical Education: 1, 0, 0, 4. Physics: 1, 0, 1, 1. Poultry: 0, 0, 0, 1. Psychology: 2, 0, 1, 0. Romance Languages: 1, 2, 0, 4. Steam Engineering: 1, 0, 0, 0. Veterinary Science: 1, 0, 0, 0. Zoology: 2, 1, 2, 1.

Enrolment for year ending June 30, 1926, 3,035. Total number of matriculates since foundation, 11,197.

Degrees conferred year ending June 30, 1926, 230. Degrees conferred since foundation, 2,666.

Fees: Matriculation, $10; surgeon's, $5; medicine and hospital, $5; athletic, $8; student publications, $6; library, $5; laboratory fees, $1 to $6 a term. Room, $4 a month in dormitories. In town, from $10 to $20. Board, $20 a month up. For 36 weeks, minimum cost is $500.

Scholarships and fellowships: 67 working scholarships of $135 each; 8 fellowships of $360 each.

The University spends about $95,000 annually on research, principally in agriculture.

Y. M. C. A. conducts an employment bureau.

Dates: September 21, 1927; June 12, 1928.

Summer session of two terms of 6 weeks each opens about June 15, and closes about September 2. In 1925 32 departments offered 378 courses to 1,011 students (382 men and 629 women), 295 of whom attended both terms.

University extension: In 1925–26 correspondence courses enrolled 184 students and extension teaching in 14 classes (principally week-end and evening classes) served 790 students. In cooperation with U. S. Department of Agriculture, Police Juries and School Boards, agricultural agents are maintained in 58 parishes, home economic agents in 25 parishes, with 3 special club agents. There are 36 persons employed as subject-matter specialists, administrators, supervisors, and clerical assistants, having offices at Baton Rouge.

Publications: Catalog in June. President's report biennially. Ten bulletins annually, include catalogs and other announcements, and reports of investigations by the faculty.

Achievements of year ending June 30 1926: Occupation and dedication of the new university plant.

Administrative officers: President

Thomas D. Boyd; Dean of the College of Engineering, and Director of the Engineering Experiment Station, Thomas W. Atkinson; Dean of the Audubon Sugar School, Charles E. Coates; Dean of the College of Agriculture and Director of the Experiment Stations, William R. Dodson; Dean of the Teachers College, Clarence A. Ives, Sr.; Director of the Agricultural Extension Division, William R. Perkins; Dean of Administration and Dean of Men, Arthur T. Prescott; Dean of the College of Arts and Sciences, and Registrar, Edward L. Scott; Director of University Extension, Charles H. Stumberg; Dean of the Law School, Robert L. Tullis; Dean of Women, Mrs. A. M. Herget.

LOUISVILLE, UNIVERSITY OF

See: University of Louisville.

LOYOLA UNIVERSITY

CHICAGO, ILLINOIS

College of Arts and Sciences, 6525 Sheridan Road; School of Medicine, 706 South Lincoln Street; Chicago College of Dental Surgery, 1757 W. Harrison St.; School of Law, School of Sociology, School of Commerce, Downtown College (afternoon and Saturday morning classes) and Graduate School, 155 North Clark Street.

Catholic University. Some departments coeducational; others are for men only. Privately controlled. Conducted by the Society of Jesus.

Established in 1909. Developed from St. Ignatius College which was founded in 1869. School of Commerce (1923). Dental School founded in 1882 as the Chicago College of Dental Surgery became department of Loyola University in 1923. Law School (1908). School of Medicine established in 1915 through acquisition of Bennett Medical College, founded in 1868. In 1917 Chicago College of Medicine and Surgery was purchased. School of Sociology (1914). Summer School (1918). Downtown College conducting late afternoon and Saturday morning classes (1914). Home Study department (1922). Graduate School, although functioning for ten years, formally organized in 1926.

Board of Managers consisting of the President, and five members appointed by him.

Grounds and buildings: Total value of grounds (20 acres), $3,500,000. Total present worth of buildings, $2,275,000. Total value of grounds, buildings and equipment, $6,000,000.

Library: 110,000 volumes; 100 current periodicals.

Laboratories: Cudahy Hall of Science (1910), $300,000. Medical Laboratory Building (1925), $225,000. Dental Laboratory Building (1900), $225,000.

Value of equipment: $425,000.

Shulack Museum: $65,000.

Gymnasium (1923), valued at $500,000. Athletic field.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Science 1. For A.B. course, Latin 4, Foreign Language 2.

Degree requirements: 128 credit hours; 128 credit points.

General requirements: Physical training required in first year. Chapel attendance required.

Department and Staff: Arts and Sciences: Faculty, 22. Dentistry: *Professors*, 29; *Lecturers*, 3; *Instructors*, 20. Medicine: *Professors*, 27; *Associate Professors*, 20; *Assistant Professors*, 11; *Associates*, 10; *Instructors*, 20. Commerce: Faculty of 23. Law: Faculty of 29. Home Study: Faculty of 23. Sociology: Faculty of 10. *Lecturers*: 25. (These conduct the Downtown College with instructors from other faculties.)

Enrolment for year ending June 30, 1926, 5,400.

Degrees conferred year ending June 30, 1926: 342: Arts and Sciences, 113; Law, 27; Medicine, 50; Dentistry, 125; Masters, 7; Doctors, 16; Honorary, 4.

Fees: Tuition: Arts and Sciences, $250 a year; Dentistry, $285 a year; Medicine, $75 a quarter; Sociology, $20 a major course; Commerce, $10 an hour; Law: Day, $200 a year; Night, $150 a year. Matriculation, $10; graduation, $15. Other general fees, $7.50; laboratory, $7.

7 scholarships for undergraduates.

Employment bureau conducted by Professor of Economics.

Dates of beginning and ending sessions: September 15, 1927; June 1, 1928. Summer session: June 25; August 6, 1926. Attendance, 1925, 657.

Administrative officers: President, Reverend William H. Agnew, S. J.; Arts and Sciences: Dean, Reverend Joseph Reiner, S. J.; Registrar, Bertram J. Steggart; Commerce: Dean, Thos. J. Reedy; Dentistry: Dean, William H. G. Logan; Law: Dean, John V. McCormick; Medicine: Regent, Reverend Patrick Mahan, S. J.; Dean, Louis D. Moorhead; Sociology: Dean, Reverend Frederic Siedenburg, S. J.; Graduate School: Dean, Austin G. Schmidt, S. J.; Home Study: Director, Marie Sheahan; Downtown College: Dean, Reverend Frederic Seidenburg, S. J.

LUTHER COLLEGE

DECORAH, IOWA

Name for bequest: The Norwegian Luther College.

College for men, owned and controlled by Norwegian Lutheran Church of America.

Founded in 1861 at Halfway Creek, near La Crosse, Wisconsin, and moved to Decorah, Iowa, in 1862, by the Norwegian Synod, which merged with two other Lutheran synods in 1917 to form the Norwegian Lutheran Church of America. Main building dedicated October 14, 1865.

Board of 8 trustees elected by Norwegian Lutheran Church of America from its membership.

Financial resources: Income from endowment in 1925, $10,500. From student fees, $44,947.17. From church appropriations, $35,054. Total expenditures, $92,382.35. Total budget for 1926–1927, $100,000. Amount of endowment, $261,000; $635,000 additional pledged in 1926.

Grounds and buildings: On campus (40 acres) valued at $20,372, 11 buildings, valued at $567,537, besides gymnasium erected in 1926. Total value of grounds, buildings (exclusive of gymnasium) and equipment, $835,323.76.

Koren Library (1921), 37,000 volumes; 120 current periodicals. Special collections: Norwegian Americana.

Laboratories: Chemistry and Physics in Laur. Larsen Hall (1907); Biology, in the Main building. Value of equipment: Chemistry, $8,000; Physics, $6,700; Biology, $1,600.

Museum: Norwegian-American Historical Museum, supported by Norwegian-American Historical Association, occupies 4 buildings and part of a fifth. Its most important collections illustrate Norwegian-American pioneer life and its antecedents. Curator, Dr. Knut Gjerset.

Health program: C. K. Preus Gymnasium (1926). Athletic field. College hospital, with resident nurse.

Admission requirements: 16 units, including English 3, Foreign Language 2, History 1, Physics or Chemistry 1 and Mathematics 2. Two units of condition allowed.

Degree requirements: For A.B.: 130 semester hours, with an equal number of honor points. Two majors of 18 hours each; also English 10 hours, Christianity 14, Latin 16, Greek 16, German 14, Norwegian 14, Physics or Chemistry 8, Biology 8 or Psychology 6, History 12 (or History 6 and Social Science 12), Mathematics 6.

General requirements: Physical education required during first 2 years. Daily chapel attendance morning and evening, required. Testimonial of good character required for admission.

Departments and Staff: Biology and Psychology: *Professors*, 1; *Instructors*, 0. Chemistry: 1, 0. Christianity: 1, 2. Economics and Sociology: 0, 1. Education: 1, 1. English: 1, 2. French and Physical Education: 1, 0. German: 1, 0. Greek: 1, 0. Hebrew: 1, 0. History: 1, 1. Latin: 1, 2. Mathematics: 0, 1. Physics: 0, 1. Music: 1, 0. Norwegian: 1, 0.

Enrolment, 1925–26, college, 307. Matriculates since foundation, 4,000.

Degrees conferred June 2, 1926: A.B., 56. Total number of degrees conferred since foundation, 1,033.

Fees: Annual tuition fee, $125; room rent, $45; other general fees, $15; laboratory fee, $10 a subject; graduation fee, $5. Board at cost ($3.75 a week) in Luther College Board-

ing Club. Annual expenses: Liberal, $600; low, $350.

Dates of beginning and ending sessions: Second Wednesday in September; continues for 36 weeks, exclusive of two weeks' recess at Christmas.

Publications: "Luther College Bulletin" including Catalog in April.

Achievements of the year ending June 30, 1926: The Luther-St. Olaf endowment appeal for $550,000 resulted in pledges amounting to $1,400,000, of which Luther College will receive five-elevenths, and St. Olaf College six-elevenths. C. K. Preus Gymnasium erected at cost of $200,000. The Norwegian-American Historical Association sponsored development of Luther College Museum into Norwegian-American Historical Museum.

Bibliographical Reference: "Luther College through Sixty Years," Minneapolis, Minn., 1922.

Administrative officers: President, Oscar Ludvig Olson; Registrar, Oscar Adolf Tingelstad.

MACALESTER COLLEGE

GRAND AND SNELLING AVENUES
SAINT PAUL, MINNESOTA

Name for bequests: Trustees of Macalester College.

College of Liberal Arts. Affiliated with Presbyterian Church.

Outgrowth of two academies founded by Minnesota pioneer missionary, the Reverend Edward Duffield Neill, D.D.; one founded in St. Paul, in 1853; the other in Minneapolis, in 1873. In 1873 Charles Macalester of Philadelphia, to develop school into an undenominational college, gave property. The institution was named Macalester College, March 5, 1874. Synod of the Presbyterian Church of Minnesota adopted college as a denominational institution in 1880. Opened in 1885.

Self-perpetuating Board of Trustees, two-thirds of whom must be Presbyterians.

Endowment: $1,467,070.73. Income from endowment, $71,926.88. Income from tuition, donations, etc., $88,398.21. Total annual expenditures, $215,013.99. Total budget, 1926–27, $142,000. Financial campaign for additional $1,000,000 inaugurated in January, 1926, of which over $800,000 has been subscribed. Gift of $50,000 from Synnott Fund, Board of Christain Education of Presbyterian Church for Department of Religious Education.

Grounds and buildings: Total value of grounds, $217,201.92. Total present worth of buildings, $598,929.60. Total value of grounds, buildings and equipment, $898,847.64.

Library, 17,500 volumes, including 750 government documents; 110 current periodicals. Neill Collection, 1,600 volumes.

Carnegie Science Hall (1912) valued at $72,234. Equipment: Chemistry, $9,842; Biology, $6,332; Physics, $4,394.40; Geology, $2,046.

Health program: Entrance medical and physical examinations. Infirmary. Health Director, a graduate nurse. Health service fee of $5 a year is charged each student. A medical examination blank is sent to each new student to be filled out by the family physician and sent to the college.

Gymnasium (1925). Shaw Athletic Field, 1909.

Admission requirements: 15 units, including English 4 (or 3 in English and 2 in a Foreign Language), Algebra 1, Geometry 1. Not more than 3 units in vocational subjects (including Agriculture, Commercial Work, Domestic Science and Manual Arts) may be presented. No conditions allowed.

Degree requirements: 126 academic credits, the term credit meaning one hour a week for one semester in classroom, or 2 hours a week in laboratory. 126 honor points. A major consists of a minimum of 20 credits and a maximum of 32 credits obtained in one department. A minor consists of 12 credits obtained in one department. No credit with a grade lower than C is counted toward a major or minor.

Physical education required during 2 years. Daily chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0. Chemistry: 1, 1, 1. Education: 1, 0, 0. English: 2, 2, 3. French: 1, 0, 1. Geology: 1, 0, 0. German: 1, 0, 1. Greek:

1, 0, 0. History: 1, 1, 0. Latin: 1, 0, 0. Mathematics: 1, 0, 1. Philosophy and Psychology: 1, 1, 0. Physics: 1, 0, 0. Religious Education: 1, 2, 0. Social Sciences: 1, 1, 1. Spanish: 1, 0, 0. Physical Education: 2, 0, 0.

Enrolment for year ending June 30, 1926: 491: Men, 253; women, 238. Total number of matriculates since foundation, 7,144.

Degrees conferred year ending June 30, 1926, 72. Total number of degrees conferred since foundation: B.A., 1,038; 13 honorary.

Fees: Tuition, $75 a semester; various other fees each semester. Annual expenses including living expenses: Liberal, $1,000; low, $600.

Dates of beginning and ending sessions: September 14, 1927; June 13, 1928.

Publications: Catalog in April. College Bulletin, quarterly.

Administrative officers: President, John Carey Acheson; Dean of College, Richard U. Jones; Dean of Women (acting), Georgia Proctor; Registrar, John P. Hall.

MAINE, UNIVERSITY OF

See: University of Maine.

MANHATTAN COLLEGE

VAN CORTLANDT PARK WEST
NEW YORK CITY, NEW YORK

College for men; controlled by the Order of the Christian Brothers of the New York Province. College of Arts, Science and Commerce; College of Engineering and Architecture.

Founded in 1863. From 1853 to 1863 existed as an Academy for boys. From this Academy developed Manhattan College.

Board of 17 Trustees.

Financial resources: Total income from all sources during year 1925–26, $195,690. Total expenditures for same period, $171,192.

Grounds and buildings: Grounds (12 acres), $200,000. Total value of 4 buildings, $800,000. Total value of grounds, buildings and equipment, $1,218,700.

Library, 15,581 volumes; 34 current periodicals.

Value of laboratories: $42,300: Biology, $9,000; Physics, $12,000; Chemistry, $14,000; Engineering, $7,300.

Health program: Physical Training required for all men in first 2 years. Health examinations at entrance and periodically thereafter. Gymnasium (1923) and athletic field (1926), valued at $450,000.

Admission requirements: 15 units, including, for College of Arts, Sciences and Commerce: English 3, History 1½, Mathematics 2½, Science 1, Foreign Language 5. For the College of Engineering and Architecture: English 3, History 1½, Mathematics 3½, Science 2, Foreign Languages 2. One and one-half units of condition permitted; must be removed within one year.

Degree requirements: B.A., B.S., B.S. in Commerce: 128 semester hours; 90 semester hours prescribed; 38 elective according to degree. For B.S. in Engineering or Architecture: 140 semester hours, all of which is prescribed. Thesis required.

Departments and Staff: College of Arts, Science and Commerce: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors* 2; *Instructors*, 1. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 1. Commerce: 0, 2, 0, 2. English: 1, 2, 0, 3. Fine Arts: 0, 1, 0, 2. Mathematics: 1, 0, 1, 0. Modern Languages: 1, 0, 3, 0. Philosophy: 1, 0, 2, 0. Physics: 1, 0, 0, 0. Social Science: 1, 1, 0, 0. College of Engineering and Architecture: 5, 3, 4, 9.

Enrolment for year ending June, 1926, 577. Total number of matriculates since foundation, 2,500.

Degrees conferred June, 1926, 64. Degrees conferred since foundation, 1,800.

Total fees in College of Arts, Science and Commerce, $200 a year; in College of Engineering, $250 a year. Living expenses: $450 to $600 a year.

Dates of beginning and ending sessions: September 20; June 10.

Summer session: July 8 to August 16. Attendance, 1925, 92.

Achievements of the year ending June, 1926: Completion of new group buildings and athletic field started in 1923; Administration and two College buildings; gymnasium.

Administrative officers: President, Brother

Thomas, F. S. C.; Dean, College of Arts, Science and Commerce, Brother Jasper, F. S. C.; Dean, College of Engineering and Architecture, Brother Azarias Michael, F. S. C.; Registrar and Secretary of the College, Brother Seastin, F. S. C.

MARIETTA COLLEGE

MARIETTA, WASHINGTON COUNTY, OHIO

Name for bequests: The Trustees of Marietta College.

College of Liberal Arts; coeducational; privately controlled. No denominational control; affiliated with the Congregational Churches.

Muskingum Academy founded in 1797, nine years after the original settlers landed at Marietta, the capital of the Northwest Territory, was succeeded in 1830 by Marietta Institute of Education, chartered in 1832 as Marietta Collegiate Institute and Western Teachers Seminary. In 1835 a new charter was secured and the name changed to Marietta College. In 1897 women were admitted to the courses and as candidates for the degrees.

Self-perpetuating Board of 18 Trustees.

Endowment: $1,253,017.95. Income from endowment, $76,524.47. Income from other sources, $3,307.95. Total expenditures year ending June 30, 1926, $138,954.33. Budget, 1926–1927, $128,690.28. Endowment increased, $64,828.71.

Grounds and buildings: Total value of grounds (15 acres), $125,000. Total present worth of buildings, $223,000.

Library (1906), 90,000 volumes, including 15,000 government documents; 29,000 pamphlets; 130 current periodicals. Special collections: Stimson Collection on History of the Northwest Territory, 19,000 volumes; Correspondence of Rufus Putnam; Documents of the Ohio Company of Associates, including original minutes of meetings, surveys and surveyors' notes; Correspondence of John Mathews, William Rufus Putnam, Paul Fearing.

Laboratories: Erwin and Andrews Halls. Erwin Hall (1845), $100,000. Andrews Hall (1890), $150,000. Equipment in Biology, $15,000; Chemistry, $10,000; Geology, $4,000; Physics, $4,500; Psychology, $3,000.

Museums in Alumni Hall (1870) and Library (1907).

Gurley Observatory (1882): 6¼-inch refractor.

Health program: Medical and physical examinations for women. Medical examination of men on entrance. Gymnasiums for men and women; two athletic fields.

Admission requirements: 15 units, including English 3, Foreign Languages 4, Mathematics 2½, History 1, Science 1.

Degree requirements: 127 semester hours of which 7 are in physical education. Required subjects: Group A, English 12 hours and Foreign Languages from 6 to 18 hours according to entrance offerings. Group B, Mathematics, Natural and Physical Sciences 18 hours. Group C, Social Sciences 24 hours (not more than 12 hours in one department may be counted in groups B and C). Major of 24 hours, 18 of which must be in one subject. Of the 127 not more than 30 semester hours in any one subject may be counted toward degree, and only 42 hours in two languages. In addition to the 127 hours each student must earn 120 honor points.

General requirements: Seven hours required in physical education. Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 0, 0, 1. Economics: 1, 0, 0, 1. Education: 1, 0, 0, 1. English: 2, 0, 1, 1. Geology: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History and Political Science: 2, 0, 0, 1. Latin: 1, 0, 0, 0. Mathematics and Astronomy: 1, 0, 1, 0. Modern Languages: 1, 0, 1, 1. Music: 0, 0, 1, 0. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 0, 2. Physics: 0, 0, 1, 0. Psychology: 1, 0, 0, 1. Religious Education: 1, 0, 0, 0. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 351: Men, 217; women, 134. Total number of matriculates since foundation, 2,982.

Degrees conferred year ending June 30, 1926, 46. Total number of degrees conferred since foundation, 1,544.

Fees: Tuition, $150 a year; graduation,

$7; laboratory, $1 to $7 a semester; room in men's dormitory, $30 a semester; women's dormitories, room, $50, and board $125 a semester. Annual expenses: Low, $500; liberal, $700.

Scholarships: Approximately $110,000 of endowed scholarships. In 1925–26, scholarships were granted to 110 students, aggregating $9,041.

Dates of beginning and ending sessions: Approximately middle of September and middle of June.

Publications: Catalog in spring. President's report summarized in July Alumni Quarterly.

Achievements of year ending June 30, 1926, $25,000 toward a new men's gymnasium; $10,000 to be added to scholarship funds; $9,000 alumni annual fund.

Administrative officers: President, Edward Smith Parsons; Dean, Draper Talman Schoonover; Dean of Women, Mrs. Elsie Eaton Newton; Registrar, Lillian Rebecca Spindler.

MARQUETTE UNIVERSITY

GRAND AVENUE AND THIRTEENTH STREET
MILWAUKEE, WISCONSIN

Coeducational University with professional schools in Medicine, Dentistry, Engineering, Law. Controlled by the Jesuits. Students of all denominations are admitted and attending in all schools. Faculty members have various religious affiliations.

Founded 1881. Aloysius Academy established in 1855. By act of Wisconsin legislature Marquette College incorporated in 1864. Building erected in 1880–81. In 1887 first degrees conferred. In 1907 University established. In 1908 Milwaukee Law School became Marquette University College of Law; in 1908 was opened the College of Applied Science and Engineering, which has developed the cooperative plan by which during last three years of a five-year course students may have part time practical training, with pay, in industry. In 1910 Robert A. Johnston College of Economics founded. From College of Economics the College of Business Administration developed. College of Journalism founded in 1916. In 1907 College of Dentistry, Pharmacy and Medicine of Milwaukee Medical College affiliated with Marquette. Dental Department of Wisconsin College of Physicians and Surgeons became a part of Marquette University Dental School in 1912. Marquette University School of Medicine organized in 1913 by a merger of Milwaukee Medical College and Wisconsin College of Physicians and Surgeons. College of Music founded in 1911.

Board of 3 Trustees. Board of Trustees has appointed an advisory board of citizens of Milwaukee and of Wisconsin, who meet in quarterly sessions, to advise its administrative officers especially on the public relations of the University. The Medical School is organized as a separate corporation with a separate board of trustees. The educational administration of the Medical School is in control of the educational administration of the University. The financial control is vested in this separate board of trustees.

Endowment, $2,642,603. Income from endowment, $148,614. Income from other sources, $907,292.95. Total annual expenditures year ending June 30, 1926, $1,705,146.40. Budget, 1926–1927 (estimated expenditures), $1,096,026.73.

Total value of grounds (23 acres), $1,182,809. Total present worth of buildings, $2,420,821. Total value of grounds, buildings and equipment, $4,395,880.

Library: 47,150 volumes; 268 current periodicals.

Laboratories: Science Hall (1924) valued at $405,737.41. Greenhouse (1925) valued at $7,817.22. Dental Laboratory and Clinic (1922) valued at $234,840.45. Value of equipment, $312,907.65. Science Hall: Chemistry, Physics, Zoology, Botany, $46,834.41; Dental College, $45,932.14; Dental Infirmary, $62,100.76; Engineering Building, $44,957.85; Medical School, $90,912.49; Press Room, Journalism, $22,170.

Health examinations: Required annual medical examination given by university medical staff. Gymnasium (1920), cost $274,562.38. Athletic fields, stadium (including grounds), $350,000. Students health service provides two weeks care in the University hospital and a 20 per cent discount on hospital charges after first two weeks.

Free medical service provided except for chronic cases.

Admission requirements: 15 units, of which 9 units are prescribed: English 3, Algebra 1, Geometry 1, History 1, Laboratory Science 1, Foreign Language or Science or History 2. If a student having 15 satisfactory quantitative units, lacks one unit in a prescribed subject, he is admitted but conditioned in the prescribed subject. This condition must be removed before second year.

Degree requirements: For Bachelor's degree in Liberal Arts, Commerce and Journalism: 128 semester hours. Courses in Engineering are 5-year cooperative courses leading to degree. Thesis required. Major; two minors.

Physical education required in first year.

Departments and Staff: Anatomy: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 2; *Instructors*, 4. Botany: 1, 0, 1, 2. Business Administration, including Economics: 3, 5, 1, 2. Chemistry: 3, 0, 1, 2. Classics: 2, 0, 1, 2. Dentistry: 7, 2, 4, 12. Education: 2, 3, 0, 1. Engineering: 5, 1, 8, 3. English: 3, 1, 2, 6. History: 1, 0, 1, 0. Hospital Administration: 10, 0, 1, 0. Industrial Relations: 1, 0, 1, 0. Journalism: 3, 0, 0, 1. Law: 15, 0, 0, 1. Mathematics: 1, 1, 0, 4. Medicine: 8, 10, 12, 21. Modern Languages: 2, 2, 3, 0. Music: 5, 3, 0, 3. Obstetrics and Gynecology: 1, 5, 4, 7. Pathology and Bacteriology: 4, 1, 1, 4. Pharmacology: 1, 1, 1, 0. Philosophy: 3, 1, 0, 0. Physics: 2, 0, 0, 2. Physiological Chemistry: 1, 0, 0, 1. Physiology: 2, 0, 1, 2. Public Health: 1, 1, 0, 0. Religion: 6, 3, 0, 0. Sociology: 1, 0, 0, 0. Speech: 1, 1, 0, 7. Surgery: 8, 4, 12, 42. Zoology: 1, 0, 1, 0. Graduate School: 17, 2, 3, 0.

Registration by Colleges, 1925–26, Semester I, as of October 14, 1925, 3,854. Schools and Colleges, 2,682; Extension, 1,172. Business Administration, 333; Dentistry, 392; Engineering, 446; Graduate School, 48; Journalism, 245; Law, 186; Liberal Arts, 695; Medicine, 316; Music, 21. Total number of matriculates since foundation, 39,007.

Degrees conferred year ending June 30, 1926, 418: B.A., 38; LL.B., 57; L.H.B., 5; B.M., 3; Ph.B., 27; B.S., 8; B.S. in Econ., 37; B.S. in C.E., 1; B.S. in E.E., 1; B.S. in M.E., 1; B.S. in Med., 18; Chem.E., 3; C.E., 7; E.E., 14; M.E., 19; M.S., 2; M.A., 8; J.D., 5; D.D.S., 110; M.D., 50. Honorary degrees, 4. Total number of degrees conferred since foundation, 5,302.

Fees: Tuition, $75 (graduate) to $175 (Dentistry) a semester. Matriculation fee, $10. Graduation fee, $10 to $25. Laboratory, $2.50 to $25 a year. Lodging and board, $10 a week upward. Average annual expenses: High, $940; low, $710.

Fellowships and scholarships: Fellowships, 3 of $300 to $600 each. Scholarships, 20. Marquette University offers a prize of $2,500 for the best program in Catholic education. Open to any one.

Marquette Union Employment Office: Total number of students working full or part time, 1,300; of these, about 300 students work for meals only.

First semester: September 19, 1927; January 27, 1928. Second semester: February 1; June 5, 1928. Professional schools open a few days later.

Summer session: June 25 to August 3, 1928. Attendance, 1925, 629. Courses offered in the College of Liberal Arts, the Graduate School, the College of Music, and the College of Journalism. 14 departments; 70 courses.

Late afternoon and Saturday morning residence courses for mature students in College of Liberal Arts and Graduate School. A half time plan for teachers permits teachers and others who are working part time to elect not less than 16 credits a year, 5 each semester, and 6 in the summer session. Under this plan they complete their requirements for degrees in from two to six years. Enrolment, first semester, 1925–26, 295. Evening courses in College of Business Administration. Enrolment first semester, 1925–26, 370.

Publications: Catalog. Bulletins of the Schools and Colleges in June. General catalog occasionally. University printing shop in School of Journalism publishes scholarly pamphlets.

Achievements for year, 1925–26: College of Hospital Administration begun in 1924, developed and extended. Department of

Speech in the College of Liberal Arts organized as a separate school.

Administrative officers: President of the University, Reverend Albert C. Fox, S. J.; Dean, Graduate School, Edward A. Fitzpatrick; Dean, College of Liberal Arts, Reverend William M. Magee, S. J.; Dean, College of Business Administration, J. Freeman Pyle; Dean, Dental School, Henry L. Banzhaf; Dean, College of Engineering, Frank C. French; Acting Dean, College of Hospital Administration, Reverend Charles B. Moulinier, S. J.; Dean, College of Journalism, Reverend John Danihy, S. J.; Dean, Law School, Max Schoetz, Jr.; Acting Dean, School of Medicine, Eben J. Carey; Dean, College of Music, Liborius Semmann; Director, School of Speech, William R. Duffey; Dean of Men, Reverend Simon J. Nicholas, S. J.; Dean of Women, Margaret E. Harrington; Registrar, Mary L. Melzer.

MARSHALL COLLEGE

HUNTINGTON, WEST VIRGINIA

Founded in 1837. Coeducational. State control.

President, M. P. Shawkey.

The requested information has not been received from this institution.

MARYGROVE COLLEGE

DETROIT, MICHIGAN

College for women, privately controlled, under Catholic auspices.

Marygrove College, formerly known as Saint Mary College, outgrowth of Saint Mary Academy, Monroe, established in 1845. Charter amended in 1910 authorizing college to confer degrees. A year later a normal course was introduced and College empowered to grant Teachers' Life Certificates.

Board of Trustees composed of 7 Sisters, Servants of the Immaculate Heart of Mary.

Grounds and buildings valued at $3,500,000.

Library: 18,000 volumes.

Laboratories: Physics, Chemistry, Biology and Home Economics.

Infirmary.

Admission requirements: 15 units, including English 3, Latin 2, Mathematics 2, History 1, Science 1. One condition allowed which must be removed during first year.

Degree requirements: For A.B. or B.S.: 128 semester hours, and same number of honor points. Candidates for degree of B.S. must devote at least 60 of the 128 credit hours to Science and Mathematics. Major, 24 semester hours; minor, 12 hours. Prescribed courses: Religion, English.

General requirements: 4 hours of physical training required. Chapel attendance required.

Departments: Ancient Languages and Literature, Education, English, Fine Arts, History and Social Science, Home Economics, Mathematics, Modern Languages and Literatures, Philosophy, Religion, Secretarial Science, Science, Natural and Physical.

Enrolment for year ending June 30, 1926, 300.

Fees: Matriculation fee, $5; tuition, $120; board, $280; room, $60–$100; graduation fee, $30; laboratory fee, $2 a semester hour. lecture and library fee, $5.

Scholarships: 11 scholarships offered annually include board and tuition.

Dates of beginning and ending sessions: September 19, 1927; June 8, 1928.

Catalog annually.

Administrative officers: President, Mother M. Domitilla; Dean, Sister Marie Cecile; Registrar, Sister Miriam Fidelis.

MARYLAND, UNIVERSITY OF

See: University of Maryland.

MARYVILLE COLLEGE

COLLEGE STATION, MARYVILLE, TENNESSEE

Name for bequests: The Directors of Maryville College.

Liberal Arts College for men and women. Privately controlled by the Presbyterian (U. S. A.) Synod of Tennessee.

Founded in 1819 by Dr. Isaac Anderson. Then called Southern and Western Theological Seminary. Chartered as Maryville College in 1842. Revived after the Civil

War by Professor Thomas Jefferson Lamar.

Thirty-six Directors appointed by Synod of Tennessee.

Financial resources: Endowment, $1,263,151. Total income from endowment, $64,441. Income from students ($57,248) and sundry ($9,948), $67,196. Total income, $131,637. Contributions received, $153,354. Total receipts, $284,992.

Grounds and buildings: Seventeen buildings; 275 acres of campus; 4 dormitories (650). Value of grounds (275 acres), $101,000. Value of 17 buildings, $529,000. Total value of grounds, buildings and equipment, $714,000.

Library, installed in Thaw Hall (1925), 27,297 volumes.

Science Hall: Chemistry, Biology and Physics. Thaw Hall has Psychology laboratories. Value of equipment: Biology, $14,699; Chemistry, $13,137; Physics, $6,123; Psychology, $2,806.

Museum in Thaw Hall.

Health program: Gymnasium, Bartlett Hall (1894). Alumni Gymnasium (1923). Swimming pool (1915). Lamar Memorial Hospital (1909), 14 beds. Free clinic. Athletic field.

Admission requirements: 15 units, including, English 3, Other Languages, 4, Mathematics, 2½, Science 1. Admission is by certificate from accredited 4-year high schools; by entrance examinations from unaccredited schools. No conditions allowed.

Degree requirements: 126 semester hours; 122 quality credits; major, 24 hours; minor, 18 hours.

General requirements: Physical training required. Attendance at daily chapel and Sunday services required. Women must live in dormitories.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; Instructors, 0. Bible and Religious Education: 2, 2, 0, 0. Biology: 1, 1, 0, 0. Chemistry: 1, 1, 0, 0. Education and Psychology: 1, 1, 0, 2. English Language and Literature: 1, 3, 0, 1. Expression and Public Speaking: 1, 0, 0, 2. Home Economics: 1, 2, 0, 1. Mathematics: 1, 0, 0, 1. Modern Languages: 1, 2, 0, 3. Physical Training: 1, 0, 0, 2. Physics: 1, 0, 0, 0. Political and Social Science and History: 1, 1, 0, 0.

Enrolment for year ending June 30, 1926: 706: Men, 266; women, 440.

Degrees conferred in year 1925–26: B.A., 68. Degrees conferred since foundation, 1,344.

Fees: General tuition, $40 a year; board, $129; room, $32 to $48; student's activities, $10; laboratory fee, each course, $3 to $12; graduation, $5. Year's expenses, $250 to $300.

Scholarships and fellowships: Number aided in 1925–26, principally by opportunities for self-help and loans, was 416, and total amount paid, $30,260.

Employment bureau.

First semester: September 13, 1927; second semester, January 31, 1928. Commencement, first week in June.

Publications: The Maryville College Bulletin contains catalog.

Achievements of year ending June 30, 1926: Total contributions, $153,354. Of this amount, $108,000 given to complete foundation of $150,000 for Bible and Religious Education department.

Bibliographical reference: "A Century of Maryville College, 1819–1919—A Story of Altruism," by Samuel Tyndale Wilson.

Administrative Officers: President, Samuel Tyndale Wilson, D.D.; Dean of Men, Jasper Converse Barnes; Dean of Women, Mary E. Caldwell; Chairman on Entrance, Clinton Hancock Gillingham, D.D.; Officer in charge of foreign students, The President.

MARYWOOD COLLEGE

SCRANTON, PENNSYLVANIA

Catholic College for women conducted by Sisters of Immaculate Heart of Mary.

Chartered 1917.

Board of 10 directors including the Bishop of Scranton and Sisters, Servants of the Immaculate Heart of Mary.

Endowment: $500,000. Income, $92,500.

Grounds and buildings: Total value of grounds (48 acres), $120,000. Total present worth of buildings, $900,000. Total value of grounds, buildings and equipment, $2,500,000.

Library (1924), 30,000 volumes, including 500 government documents; 50 current periodicals.

Laboratories: Science Hall (1926), cost $80,000; equipment, $15,000.

Art Museum (1924).

Health examinations and hygienic programs. Infirmary. Gymnasium.

Admission requirements: 15 units of college preparatory subjects, satisfactory evidence of good moral character, and of physical and mental fitness for a college course. Student must also present satisfactory testimonials as to general qualities of character and habits as a student; and an official transcript of her school record covering 4 years of her preparatory course. 15 units, including: for B.A.: English 3, Latin 4, Modern Languages 2, Mathematics 3, History 1; for B.S. the same except Latin 2, Mathematics 2, Science 1.

Degree requirements: 68 hours or 136 credits. Of these 68 hours a certain number is prescribed. 200 hours in physical education must be taken.

Daily chapel attendance required.

Departments and Staff: Anatomy and Physiology: *Professors*, 1; *Associate Professors*, 0; Instructors, 0. Art: 1, 0, 2. Commercial Sciences: 1, 1, 1. Dramatics: 1, 0, 0. Education: 1, 1, 0. English Language and Literature: 4, 1, 0. History: 3, 0, 0. Home Economics: 1, 0, 3. Hygiene and Sanitation: 1, 0, 0. Latin: 1, 0, 1. Library Science: 1, 0, 0. Mathematics: 1, 1, 2. Modern Languages: 2, 0, 1. Music: 3, 0, 4. Natural Sciences: 1, 1, 1. Philosophy: 1, 0, 0. Physical Education: 1, 0, 0. Psychology: 1, 0, 0. Religion: 1, 0, 0. Social Sciences: 1, 0, 0.

Enrolment for year ending June 30, 1926: 268. Number of matriculates since foundation, 591.

Degrees conferred year ending June 30, 1926: 82. Total number of degrees conferred since foundation, 326.

Fees: Matriculation, $5; graduation, $25; laboratory, $5; charge for lodging and board, $500. Annual expenses: Low, $500; liberal, $800.

Dates of beginning and ending sessions: September 10; June 10.

Summer session: June 24 to August 4. 11 departments offered 70 courses. Attendance, 1925, 497.

University extension: 21 courses in teacher training. 192 graduates. 900 teachers have taken extension courses since 1921.

Achievements of year ending June 30, 1926: Erection of Science Hall.

Bibliographical references: History of the Congregation of Sisters of the Immaculate Heart of Mary in the Scranton Diocese.

Administrative officers: Honorary President, Right Reverend M. J. Hoban, D.D.; President, Mother M. Casimir; Dean, Sister M. Immaculata, M.A.; Registrar, Sister M. Theodosia.

MASSACHUSETTS AGRICULTURAL COLLEGE

AMHERST, MASSACHUSETTS

Land grant college of State of Massachusetts for men and women.

Organized under Morrill Act of 1862. College is only separate agricultural college in the country because at the time of the passage of the Morrill Act, there was already established in Massachusetts the Institute of Technology, which provided for the teaching of mechanic arts.

Board of 14 Trustees appointed by Governor of Commonwealth of Massachusetts.

Total annual expenditures for year ending June 30, 1926, $1,150,858.65. Budget, 1926–27, $937,200. State appropriation, $870,692.15, and other income, $381,729.44.

Two residence halls for men (69); one for women (101). Total value of grounds (1,583.22 acres, including college farm), $198,138.08. Value of college buildings, $1,511,314.60. Value of Experiment Station buildings, $75,227.51. Total value of grounds, buildings and equipment, $2,606,696.54.

Library (1885): 75,657 books; 250,000 pamphlets; 4,000 uncatalogued books; 700 current periodicals. Special collections: Marshall P. Wilder Collection of books on Horticulture; Karl A. Goessman Collection of books on Chemistry.

Laboratories: Paige Laboratory (1898–99), value $23,143.10; Flint Laboratory (1912), $70,073.86; Grinnell Arena (1911),

$8,395.43; Stockbridge Hall (1914), $157,632.94; Goessman Laboratory (1922–23), $283,593.56; Microbiology Building (1915), $54,452.73; Physics Building (1867), $4,638.80; Wilder Hall (1905–06), $31,480.14; French Hall (1909–add. 1913), $45,357.30; Clark Hall (1907), $58,912.95; Fernald Hall (1911), $68,250.64; Fisher Laboratory (1911), $9,786.77. Value of laboratory equipment, $98,016.11.

Health program: Physical examination required of all students; physical education and hygiene required. Athletic field. Infirmary.

Admission requirements: 14½ units, including English 3, Foreign Language 2, Algebra 1½, Plane Geometry 1.

Degree requirements: For B.S.: 120 junior senior credit hours in addition to completion of courses of first and second years. For M.S., courses prescribed. For Ph.D., 3-year course and thesis.

General requirements: Minimum of 18 hours in the Divisions of Humanities and Rural Social Science required of all students during junior and senior years. Military Science required. Chapel attendance required. Women students required to live in dormitory.

Departments and Staff: Agriculture: *Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Agricultural Chemistry: 3, 1, 1. Agricultural Economics: 1, 1, 2. Agricultural Education: 2, 0, 1. Agricultural Engineering: 1, 1, 2. Agronomy: 1, 1, 2. Animal Husbandry: 1, 2, 1. Botany: 1, 4, 0. Dairying: 1, 1, 2. Economics and Sociology: 2, 0, 0. Entomology: 2, 1, 1. Farm Management: 1, 1, 0. Forestry: 1, 0, 0. History and Government: 2, 0, 0. Horticulture: 2, 1, 1. Horticultural Manufactures: 1, 0, 1. Landscape Gardening: 1, 2, 0. Languages and Literature: 4, 2, 3. Mathematics and Civil Engineering: 2, 1, 1. Microbiology: 1, 1, 2. Military Science, Physical Education and Hygiene: 2, 0, 4. Physics: 1, 0, 1. Pomology: 2, 1, 2. Rural Home Life: 1, 2, 0. Rural Sociology: 0, 1, 0. Vegetable Gardening: 1, 1, 1. Veterinary Science and Animal Pathology: 1, 1, 0. Zoology and Geology: 1, 0, 1.

Enrolment, September, 1926: 572: Men, 469; women, 103.

Degrees conferred year ending June 30, 1926: B.Sc., 103; M.Sc., 8; Ph.D., 1.

Fees: Tuition, $60 a year for residents of Massachusetts. Non-resident tuition fee, $180 a year. Matriculation, $5; laboratory, $20; lodging, $54 to $102; board, $255; taxes, $24. Annual expenses: Low, $400; liberal, $1,000.

Scholarships and fellowships: 15 graduate assistants, $60 a month.

Research funds: Massachusetts Agricultural Experiment Station, annual budget, approximately $160,000 from State and Federal funds.

Fifty per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: First Term, September 12, 1927; Second Term, January 3, 1928.

Summer session, July 6 to August 14. 5 departments offered 39 courses. Attendance, 1925, 171.

University Extension: Adult education in Agriculture and Home Economics conducted through meetings and field demonstrations in rural communities. College Extension Service cooperating with county extension services and United States Department of Agriculture. Correspondence courses in Agriculture and Home Economics.

Catalog in January.

Administrative officers: President, ——; Dean, William L. Machmer; Officer in charge of foreign students, The Dean.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

CAMBRIDGE, MASSACHUSETTS

Technological and scientific school, for men and women; privately controlled; nonsectarian.

Foundation was laid in a Memorial prepared in 1859 by William Barton Rogers, and presented to Legislature of Commonwealth of Massachusetts in 1860. On April 10, 1861 an Act was passed by the General Court of Massachusetts to incorporate the Massachusetts Institute of Technology "for the purpose of instituting and main-

taining a society of arts, a museum of arts, and a school of industrial science, and aiding generally by suitable means the advancement, development, and practical application of science in connection with arts, agriculture, manufactures and commerce." Meeting for organization was held April 8, 1862, but Civil War led to postponement of opening. Instruction began October 2, 1865.

The Corporation consists of 35 life members, elected by the Corporation, 15 members nominated by Alumni Association, and 3 representatives of the Commonwealth of Massachusetts ex officio.

Financial resources: Endowment, $28,016,000. Private gifts for endowment, $596,000. Income from endowment, $1,526,000. Total income, $3,550,000. Total annual expenditures for year ending June 30, 1926, $3,118,800.

Grounds and buildings: 15 buildings occupy 80 acres; 7 dormitories (300). Total value of grounds, $3,245,147.31. Total value of buildings, $7,208,459.60. Total value of grounds, buildings and equipment, $10,453,606.91. Summer Mining Camp at Dover, N. J., $35,000. Civil Engineering Camp, at East Machias, Maine, $120,538.

Library: 160,000 volumes; 60,000 pamphlets and maps; 1,000 current periodicals. Architectural Library is in the Rogers Building in Boston, where the Department of Architecture is located.

Laboratories: Mechanical Engineering Department: Laboratories of Steam and Compressed Air, Hydraulics, Refrigeration, Testing Materials, Gas Engines, Power Measurement and Mechanic Arts. Other Departments: Mining Engineering, Metallurgy, Chemistry, Chemical Engineering, Physical Chemistry, Applied Chemistry, Electrical Engineering, Biology and Public Health, Physics, Mineralogy, Geology and Aerodynamics. The laboratories occupy more than 70,000 feet of floor space. Value of scientific apparatus, machinery, other equipment, $2,166,862.93.

Health program: Department of Hygiene maintains staff of three physicians and two trained nurses. Physical examination of entering students. Members of graduating class examined. Daily free clinic.

Admission requirements: To be admitted as a first year student the applicant must have attained age of seventeen years, and must give satisfactory evidence of preparation in the following subjects: Subjects in which examinations must be passed: Algebra, English, French or German, Plane Geometry, Solid Geometry, History, Physics, Plane Trigonometry. Subjects for which certificates are accepted in place of examinations: Chemistry, History, Electives. A psychological or Scholastic Aptitude Test is required in connection with the June examinations of the College Board, or at the Institute after entrance.

Degree requirements: To receive degree of B.S., student must have completed prescribed subjects of his professional course or equivalent work. Student must, moreover, prepare a thesis on some subject included in his course of study; or an account of some research made by him; or an original report upon some machine, work of engineering, industrial works, mine, or mineral survey, or an original design accompanied by an explanatory memoir.

General requirements: First year students required to take either gymnasium work, or engage in a competitive sport. For first and second year students, military science required.

Departments and Staff: Aeronautical Engineering: *Professors*, 1; *Associate Professors*, 2; *Assistant Professors*, 1; *Instructors*, 1. Architecture: 7, 2, 2, 10. Biology and Public Health: 2, 2, 1, 2. Chemistry: 8, 9, 5, 15. Chemical Engineering: 3, 2, 4, 4. Civil and Sanitary Engineering: 7, 3, 2, 4. Economics and Statistics: 2, 3, 3, 3. Electrical Engineering: 7, 4, 5, 21. English and History: 2, 2, 1, 12. Fuel and Gas Engineering: 1, 0, 1, 0. General Studies: *Lecturers*, 4. German: 1, 1, 0, 1. Hygiene: *Physicians*, 3. Mathematics: 5, 4, 3, 3. Mechanical Engineering: 9, 6, 6, 21. Military Science and Tactics: 1, 0, 9, 7. Mining, Metallurgy and Geology: 4, 3, 2, 2. Naval Architecture and Marine Engineering: 2, 3, 1, 1. Physics: 4, 3, 5, 14; Romance Languages: 1, 0, 0, 1.

Enrolment for year 1925–1926, 2,813. Total number of matriculates since foundation, 26,000.

Total number of degrees conferred June, 1926: B.S., 456; M.S., 144; Ph.D., 4; Sc.D., 9; M.Arch., 9. Total number of degrees conferred since foundation, 12,260.

Fees: Tuition, $300; laboratory fees (average), $30; undergraduate dues, $10; board, $380; room, $228; books and materials, $90. Annual expenses, $1,038.

Scholarships and fellowships: About $60,000 awarded each year for undergraduate scholarships. Awards made to students pursuing regular courses who have completed at least one year of thoroughly satisfactory work, and who produce evidence that they are greatly in need of assistance.

Research: Fund of $400,000 from which the income, $20,000, is available for graduate study and research.

Undergraduate Employment Bureau, under supervision of Technology Christian Association. During 1925–26 270 men were placed by the bureau, and money earned by them amounted to approximately $45,000.

Dates of beginning and ending sessions: Last Monday in September; early in June.

Summer session: June 4 to September 22, 1928. Work offered in all departments. In 1925, 335 courses offered; attendance, 1,600. Required field work in Civil Engineering, Mining Engineering and Geology, carried on at Summer Surveying Camp, East Machias, Maine, and at Summer Mining Camp at Dover, N. J.

Publications: College Bulletin, including Catalog, President's Report, Directory of Officers and Students, Graduate Study and Research, The Massachusetts Institute of Technology (illustrated circular), Summer Session, Field Work in Civil Engineering, Mining Engineering, and Geology, and Departmental Bulletins. Published monthly, except in July and August.

Achievements of year ending June 30, 1926: Undergraduate course in Aeronautical Engineering and a graduate course in Fuel and Gas Engineering established.

Administrative officers: President, Samuel Wesley Stratton; Dean of Students, Henry Paul Talbot; Dean of Graduate Students, Harry Manley Goodwin; Registrar, Joseph Chrisman MacKinnon.

MERCER UNIVERSITY

MACON, GEORGIA

University for men. Baptist.

Founded in 1833. Formerly located at Penfield, Georgia. Theological Department organized in 1845.

Board of 31 Trustees.

Endowment: $832,000. Income from endowment, $39,000. Income from other sources, $48,000. Expenses for year ending June 30, 1926, $105,000. Denton Gift, $30,000.

Grounds and buildings: Value of grounds (63 acres), $400,000. Value of buildings, $400,000.

Library (1910), 30,780 volumes, including 4,000 government documents; 150 current periodicals.

Laboratories: One building valued at $30,000. Value of equipment: Chemistry, $3,783; Biology, $2,585; Physics, $10,240.80.

Health program: Health examination of entering students. Infirmary. Nurse.

Admission requirements: Four-year high school course. 15 units, including, English 3; Social Studies, 2; Mathematics, 2½; Science, 1; Foreign Language, 2 in one language.

Degree requirements: For A.B.: 186 term hours, including prescribed work; 180 honor points; 75 term hours must be taken in work open only to juniors and seniors.

Physical education required during first two years. Chapel attendance required during first three years.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Chemistry: 1, 0, 2, 0. Christianity: 5, 0, 0, 0. Drafting: 1, 0, 0, 0. Economics: 2, 0, 0, 0. Education: 1, 0, 0, 0. English: 1, 3, 2, 2. French: 2, 0, 0, 0. German: 1, 1, 0, 0. Greek: 1, 1, 0, 0. History: 1, 2, 0, 0. Journalism: 1, 2, 0, 0. Latin: 1, 2, 0, 0. Mathematics: 1, 1, 0, 0. Parliamentary Law: 1, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physics and Astronomy: 1, 0, 0, 2. Political Science: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Psychology: 2, 1, 0, 0. Sociology: 2, 0, 0, 0. Spanish: 2, 0, 0, 0.

Enrolment for year ending June 30, 1926,

1,124. Total number of matriculates since foundation, 3,656.

Degrees conferred year ending June 30, 1926: 90: A.B., 56; B.C.S., 11; B.S.E., 2; B.S. in Medicine, 3; B.D., 1; Th.B., 1; Th.M., 1; M.S., 2; M.A., 3; LL.B., 10.

Fees: $52.50 a quarter. Matriculation, $15; graduation, $10; laboratory and other materials fees, $4 to $6. For lodging and board, $24 a month. Annual expenses: Low, $350; average, $450; liberal, $500.

Scholarships: 106.

Thirty per cent of students earn part of their expenses.

Dates of beginning and ending sessions: September 16, 1927; June 5, 1928.

Summer session: June 14 to August 20, 1928. Attendance, 1925, 405.

Catalog in April.

Administrative officers: President, Rufus Washington Weaver; Registrar, Samuel Walter Garrett; Dean of the College of Arts and Sciences and Dean of Education, Peyton Jacob; Dean of the Theological Seminary, Rufus W. Weaver; Dean of School of Commerce, William Joseph Bradley; Dean of the Graduate School, Percy Scott Flippin; Dean of the School of Law, Rufus C. Harris; Director of the School of Journalism, Virginia Garner.

MEREDITH COLLEGE

RALEIGH, NORTH CAROLINA

College for women. Affiliated with Baptist State Convention of North Carolina.

Chartered in 1891 as The Baptist Female University. Opened in 1899. Name changed in 1905 to North Carolina Baptist University for Women. In 1910 name changed to Meredith College in honor of Thomas Meredith, a Baptist pioneer in North Carolina and a believer in the education of women.

Board of 25 trustees, elected by North Carolina Baptist State Convention.

Endowment: $465,602.76. Income from endowment: $29,183.32. Income from students, $151,332.31. Budget for 1926–27, $210,000. Gift, $50,000 from Mr. B. N. Duke.

Grounds and buildings: Total value of grounds, $150,000. Total present worth of 9 buildings, $1,200,000, all new January, 1926. Total value of grounds, buildings and equipment, $1,450,000.

Library: 12,522 volumes; 201 current periodicals.

Science Building (1926): Biology, Chemistry, Physics, Home Economics. Apparatus valued at $12,000.

Health program: Gymnasium, Infirmary. Resident nurse. Required physical education during three years.

Admission requirements: 15 units, including English 3, Mathematics 2½, Foreign Language 4. Conditions must be removed within first two years.

Degree requirements: For A.B.: 120 semester hours; 75 points. Prescribed courses: English, 12 semester hours; Religious Education 6, Psychology 3. Three of subjects: Latin 6, Modern Language 6, Mathematics 6 and History 6. Two of subjects: Chemistry 8, Biology 6, Physics 6. Two majors aggregating 36 semester hours.

General requirements: Daily and Sunday chapel attendance required.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 1, 0, 0. Education: 1, 0, 0, 2. English: 1, 1, 1, 3. History and Economics: 1, 0, 0, 2. Home Economics: 1, 0, 0, 0. Latin: 1, 0, 0, 1. Mathematics: 1, 0, 0, 1. Modern Languages: 1, 1, 1, 1. Music: *Director*, 1; *Professors*, 9. Physics: 1, 0, 0, 0. Religious Education: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 467.

Degrees conferred year ending June 30, 1926, 81. Total number of degrees conferred since foundation, 720.

Fees: Graduation, $5. General fees, $210. Laboratory, $5 each course. Charge for lodging and board, $205 to $290. Annual expenses: Liberal, $555; low, $470.

Thirteen endowed scholarships.

Dates of beginning and ending sessions: September 7, 1927; May 29, 1928.

Publications: Catalog in March. President's report in July.

Administrative officers: President, C. E. Brewer; Dean, J. Gregory Boomhour; Dean of Women, Evabelle Simmons Covington.

MIAMI UNIVERSITY

OXFORD, OHIO

Coeducational. State supported. Liberal Arts College; Teachers College for training high-school teachers; Teachers College for training grade teachers.

Founded February 17, 1809, by Ohio State Legislature. Opened 1824 as Liberal Arts College. State Teachers College established as part of the University in 1902. Bureau of Special Education for training of teachers of sub-normal children, established 1920.

Board of 27 Trustees appointed by Governor of Ohio.

Total annual expenditures for year ending June 30, 1926, $572,000. Budget, 1926–27, $615,000.

Grounds and buildings: Ten dormitories (570 women; 470 men). Grounds (243 acres), 23 buildings, and equipment valued at $3,150,000.

Library (1909), 85,000 volumes; 400 current periodicals.

Laboratories: Brice Hall (1903), cost $54,000: Zoology, Botany, Geology and Physics. Chemistry Building (1915), cost $37,000. McGuffey Building (1909), cost $365,000; Home Economics, Biology and Geography. Scientific equipment valued at $100,000.

Observatory: 12-inch refracting telescope.

Health program: Gymnasium and 30 acres of playfields. Hospital, 26 beds; full time physician and 4 trained nurses. All Freshmen and Sophomores receive two physical examinations each year. Vaccination against smallpox required of all entering students.

Admission requirements: Graduation from high school and 15 units of college preparatory subjects. Conditioned students not accepted.

Degree requirements: 124 semester hours credit with an average grade of C.

General requirements: Chapel attendance required. Students not permitted to maintain automobiles in Oxford.

Departments and Staff: Botany: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 1, 2, 0. Economics and Business Administration: 4, 2, 2, 0. English: 1, 2, 5, 2. Fine Arts: 1, 0, 0, 0. French: 1, 1, 3, 0. Geology: 1, 0, 1, 0. German: 1, 0, 1, 0. Government: 0, 0, 1, 0. History: 1, 1, 3, 0. Latin: 1, 0, 0, 0. Mathematics: 1, 1, 1, 2. Philosophy and Psychology: 1, 0, 2, 0. Physical Education: 1, 2, 1, 0. Physics: 1, 0, 1, 0. Public Speaking: 1, 0, 1, 0. Sociology: 0, 0, 1, 0. Spanish: 0, 0, 3, 0. Zoology: 1, 0, 1, 0. Teachers College: 13, 3, 12, 24.

Enrolment for year ending June 30, 1926, 1,727: Men, 852; women, 875.

Degrees conferred year ending June 30, 1926: A.B., 88; B.S., 68. Total number of degrees conferred since foundation, 3,060.

Fees: Incidental fee for residents of Ohio, 4-year courses, $50; 2-year courses, $20; fees for students from outside of Ohio, $50; laboratory deposits, $5 to $15; room in dormitories, $90. Board: Men, $180; women, $162. Average total annual expense, $600.

Loan funds: $10,000 annually.

Research funds: Scripps Foundation for Study of Population, founded in 1922 by E. W. Scripps, and maintained by his estate, with an annual income of $15,000. Two professors and two assistants devote entire time to a study of population problems of United States.

Employment bureau: About one-half of the students are partly self-supporting.

Dates of beginning and ending sessions: Second Monday in September; second Monday in June.

Summer session: Third Monday in June; continues 6 weeks; followed by a second session of 5 weeks. Attendance, 1925, 700.

Publications: Catalog in March. President's report in October.

Achievements of year ending June 30, 1926: 72 acres and a large building for dormitory purposes added to campus. Recitation building completed at a cost of $200,000. Industrial Arts Building completed at a cost of $60,000. Wing of practice school for Teachers College completed at cost of $165,000.

Administrative officers: President, A. H. Upham; Dean, Liberal Arts College, E. E. Brandon; Dean, Teachers College, H. C. Minnich; Registrar, Grace G. Glasgow; Officer in charge of foreign students, F. M. Vreeland.

MICHIGAN STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE

EAST LANSING, MICHIGAN

College for men and women, controlled by State. The College has six Divisions of Instruction: Agriculture, Engineering, Home Economics, Veterinary Science, Applied Science and Liberal Arts.

Established by act of the Michigan Legislature of 1855, as a result of agitation by the Michigan State Agricultural Society. First State institution in the United States to offer instruction in scientific and practical agriculture. In 1861, the legislature created the State Board of Agriculture and placed the Agricultural College under its control. Department of Mechanic Arts (later the Division of Engineering) opened in 1885. In 1896, course of study for women adopted. Veterinary Division established 1909. Applied Science, 1921. Liberal Arts Course leading to a degree of B.A., 1924. Business Administration, 1925. Medical Biology, 1926. On May 13, 1925, name changed from Michigan Agricultural College to Michigan State College of Agriculture and Applied Science, by an act of the State Legislature.

The State Board of Agriculture is composed of 6 members elected by public vote. President and Secretary of the College and State Superintendent of Public Instruction are ex officio members.

Financial resources: Endowment of $19,500, interest of which is used for scholarships, prizes, etc. Last year this income amounted to $1,121.50; received from State of Michigan, $1,728,233.39; from U. S. Government, $259,913.95; from Student fees, $264,133,84; from Department sales and miscellaneous income, $192,467.09. Total income, year ending June 30, 1926, $2,445,869.77. Total expenditures year ending June 30, 1926, $2,515,511.19. Budget, 1926–27, $2,160,000. R. E. Olds gave $1,120 for prizes in community singing.

Grounds and buildings: Campus and farm of 1,144 acres. Buildings and equipment are worth, $4,232,985.22. Grounds are valued at $389,757.50; buildings, $2,662,721.82. One residence hall for men (180); five for women (290).

Library (1924), 57,508 volumes, not including government documents; 669 current periodicals.

Laboratories: Chemistry (1871, 1881, 1911), $35,000; Veterinary (1866), $5,000; Entomology (1889–1897), $7,500; Botany (1892–1908), $20,000; Bacteriology (1902), $27,000; Veterinary (1914), $33,000; Special Chemistry, $800; Engineering Shop No. 1 (1916), $26,400; Engineering Shop No. 2 (1916), $15,750; Engineering Shop No. 3 (1916), $14,500; Entomology, $3,400. Total value of equipment in principal departments, $1,180,705.90.

Health program: Medical and physical examination of entering students. Physical examination repeated each year. Infirmary, 40 beds. Gymnasium (1918). Stadium (1923), $15,000. Value of stadium, gymnasium and other physical education properties, $390,300.

Admission requirements: 15 units. For all courses: English 3, Algebra 1, Plane Geometry 1. For Engineering course (additional), Solid Geometry ½, Advanced Algebra ½, Physics 1. For Liberal Arts Course (additional), Languages 2. Two units of condition allowed; must be removed before the end of the third year.

Degree requirements: 192 term hours; points equal to number of credits (average of C). Required work completed or substitutions arranged.

General requirements: Two years of physical training; 2 years of military science of all men.

Departments and Staff: Division of Applied Science: Botany: *Professors*, 2; *Associate Professors*, 4; *Assistant Professors*, 0; *Instructors*, 2. Chemistry: 2, 4, 2, 8. Entomology: 1, 1, 1, 3. Meteorology: 0, 0, 0, 1. Physics: 1, 3, 1, 2. Zoology and Geology: 1, 2, 0, 1. Division of Liberal Arts: Economics: 3, 3, 1, 2. Education: 2, 0, 2, 4. English and Modern Languages: 1, 3, 5, 17. History: 1, 1, 2, 2. Mathematics: 2, 3, 2, 5. Music: 1, 0, 0, 6. Sociology: 1, 1, 1, 1. Vocational Teacher Training: 0, 3, 1, 4. Division of Agriculture: 10, 7, 15, 9. Division of Engineering: 5, 7, 11, 12. Division of Home

Economics: 0, 6, 2, 5. Division of Veterinary Medicine: 4, 3, 6, 3. Department of Physical Education: 1, 3, 3, 8. Department of Military Science: 1, 1, 0, 12.

Enrolment for year ending June 30, 1926, 2,958: Agriculture and Forestry, 452: Men, 450; women, 2. Engineering: Men, 482. Home Economics: Men, 1; women, 376. Applied Science: 282: Men, 245; women, 37. Liberal Arts: 709: Men, 432; women, 277. Veterinary: Men, 33. Graduate Courses: 151: Men, 135; women, 16. Summer School: 446: Men, 236; women, 210. Short Courses, 261.

Degrees conferred during the year 1925–26: 373: B.S., 298 (Agricultural Course, 91; Engineering Course, 86; Forestry Course, 16; Home Economics Course, 71; Applied Science Course, 34); B.A., 29; D.V.M., 11; M.S., 26; M.F., 1; M.Agr., 1; C.E., 1; E.E., 1; Chem. E., 1; Ph.D., 4. Total number of degrees conferred since foundation, 5,430.

Fees: Matriculation fee, $5; tuition (for those from other States only) $15 a term; Course fee, $35 a term (includes all laboratory fee, incidental, music, gymnasium and health service); Graduate Course, $10 a term; Athletic and Artist's Course fee (imposed by students), $5 each term; Union fee (imposed by students), $4.50 a term; Diploma fee, $5; board, $3.50 to $7 a week; lodging, $2 to $3 a week. Annual student expenses: 192 students kept accounts and reported. Of these the maximum cost was $1,141; minimum, $398; average, $653.

Scholarships: Fourteen awarded annually from interest of funds, which together with loan funds amount to $19,500. Fifty or more graduate assistantships, $400 to $800 each.

Research: Funds received through State and national government for Agricultural Experiment Station included under Financial Resources. About 35 research men, and some members of teaching staff assist with research. Besides these funds, research fellowships are received from the following companies: Chilean Nitrate Co., D. M. Ferry Co., National Fertilizer Co., Calumet Baking Powder Co., and Kalamazoo Vegetable Parchment Co.

Employment bureau: Percentage of students who earned part of their expenses in 1925–26, approximately 65. Average annual earnings of these amounted to $164.25.

Dates of beginning and ending sessions: 1927–28: Autumn term: September 19; December, 16, 1927. Winter term: January 3, 1928; March 23, 1928. Spring term: April 2; June 18, 1928.

Summer session: June 19; July 27, 1928. 28 departments offered courses in 1925. Attendance: 446: Men, 236; women, 210.

University Extension: One extension course for credit offered in Education. A Director of Continuing Education took office September 1, 1926. Evening classes offered by Sociology and Education Departments. Extension work in Agriculture and Home Economics begun in 1912; 37 specialists; 64 county agents (agricultural, home economics, or boys' and girls' clubs); 16 State and District leaders.

Publications: Catalog in spring. President's report biennially. Twenty-five to thirty bulletins from Agricultural and Engineering Experiment Stations each year.

Achievements of year ending June 30, 1926: New courses established; Business Administration, Medical Biology, Life Planning. "Freshman Week" first held. Establishment of office of "Director of Continuing Education."

Administrative officers: President, Kenyon L. Butterfield; Dean of the College, John Phelan; Dean of Agriculture, R. S. Shaw; Dean of Engineering, G. W. Bissel; Dean of Home Economics, Jean Krueger; Dean of Veterinary Science, Ward Giltner; Dean of Applied Science, F. S. Kedzie; Dean of Liberal Arts, E. H. Ryder; Director of Summer Session, E. H. Ryder; Director of Continuing Education, J. D. Willard; Registrar, Elida Yakeley; Advisor of Women, Mrs. Clara E. Powell; Officer in charge of foreign students, E. A. Bessey.

MICHIGAN COLLEGE OF MINES

HOUGHTON, MICHIGAN

State Engineering College. Incorporated in 1886.

Operated and maintained by the State Legislature. Operating expenses for the year ending June 30, 1926, $141,458.27.

Grounds and buildings: Seven buildings with land valued at $713,225.

Library: 30,000 volumes on engineering; 200 current technical publications; 30,000 Federal and State pamphlets.

Laboratories: Chemistry, Physics, Geology and Mineralogy, Mechanical Engineering, Electrical Engineering, Civil and Mining Engineering, and Metallurgical Engineering have separate laboratories; equipment valued at $292,919.04. Metallurgy Building (1926), cost $300,000. Mining Building besides complete hydraulic laboratory has complete set of mine models.

Mineralogy Museum contains thousands of specimens from all mining districts of the world.

Health program: Gymnasium and Club House. Prescribed corrective physical training. Sports include snow-shoeing, skiing, hunting and fishing.

Admission requirements: 15 units, including English 3, Algebra 1½, Plane, Solid and Spherical Geometry 1½, Physics 1, Foreign Language 2. Not more than 2 vocational units allowed. Applicants who have not been graduated from high school may secure admission by offering through examination the 15 units mentioned. Men of mature years may be granted admission upon passing satisfactory examination in English, Arithmetic, Algebra, Geometry and Physics. A graduate of another college may enter without examination upon presentation of certificate of graduation and transcript of record. An undergraduate of another college is admitted without examination in such entrance requirements as are covered by matriculation at the other institution or later work there.

Degree requirements: Degrees of E.M. and Met.E. offered. Minimum credit of seventy-four hundred hours. A candidate is required to be in residence at the College the last year of his work for the degree. Because the college is in session eleven months of the year, a well-prepared student can complete requirements in three calendar years. Certain subjects required.

Departments and Staff: Chemistry: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 0. Civil and Mining Engineering: 2, 0, 1, 2. English and Modern Language: 0, 0, 0, 1. Geology and Mineralogy: 1, 0, 1, 1. Mathematics and Physics: 2, 0, 0, 2. Mechanical and Electrical Engineering: 2, 0, 2, 0. Metallurgy and Ore Dressing: 1, 0, 2, 1.

Enrolment for year ending August, 1926, 153.

Degrees conferred year ending August 31, 1926, 50. Total number graduates since foundation, 1,187.

Fees: Annual tuition fee, residents of Michigan, $25; annual tuition fee for others, $150; matriculation fee, residents of Michigan, $10; matriculation fee for others, $25; average laboratory fees for each year, $78; yearly student organization fee, $10.

Research in Chemistry, Metallurgy and Mining.

Scholarships: Loans amounting to $20,000 available annually.

Dates of beginning and ending sessions: September 24, 1926; August 27, 1927.

College Bulletin includes catalog.

Administrative officers: President, William Otis Hotchkiss; Registrar, Leo Francis Duggan.

MICHIGAN, UNIVERSITY OF

See: University of Michigan.

MIDDLEBURY COLLEGE

MIDDLEBURY, VERMONT

Name for bequests: President and Fellows of Middlebury College.

Coeducational college of arts and sciences; privately controlled.

Founded in 1800.

Board of 30 Trustees.

Endowment: $2,900,065.22. Income from endowment, $155,162.46. Income from other sources not including dormitories and dining hall, $137,296.71. Total annual expenditures, not including dormitories and dining hall, $268,837.33. Budget for 1926–27, $280,095.50. Gifts for increase of plant, $50,811.12. Gifts for endowment, $47,155.70. Other gifts, $16,025.

Grounds and buildings: Total value of grounds (100 acres), $13,000. Total present worth of buildings, $1,105,128.34. Total

value of grounds, buildings and equipment, $1,406,835.23. Dormitories accommodating 210 men; 250 women.

Library (1900), 50,000 volumes.

Warner Science Hall (1861) houses laboratories of Physics, Biology, Geology, Drawing and Home Economics. Hall of Chemistry (1913).

Health program: Physical examination of first year students. Prescribed work in physical education and hygiene during first year. Infirmary.

Admission requirements: 15 units, including English 3, Algebra 1, Geometry 1. For A.B. course, Latin 4 or Greek 3. For B.S. course, Foreign Language 2.

Degree requirements: For A.B.: 120 semester hours; one major and two minors; English, 1 year; 2 years Greek or Latin. For B.S.: 120 semester hours; one major and two minors; English, 1 year; Mathematics, 2 years. First two years prescribed.

Daily chapel attendance required.

Departments and Staff: American Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biblical Literature, 1, 1, 0, 0. Biology: 1, 1, 0, 1. Chemistry: 1, 0, 1, 2. Contemporary Civilization: 1, 0, 0, 0. Drawing and Surveying: 1, 0, 0, 0. Economics: 1, 1, 0, 0. English: 1, 0, 1, 2. Fine Arts: 1, 0, 0, 2. French: 1, 0, 1, 0. Geology and Geography: 1, 0, 0, 1. German: 1, 0, 0, 1. Greek: 1, 0, 1, 0. History: 1, 0, 0, 0. Italian: 1, 0, 0, 1. Latin: 3, 0, 0, 0. Mathematics: 1, 0, 2, 0. Music: 1, 0, 0, 3. Pedagogy: 3, 0, 0, 0. Philosophy: 1, 1, 0, 0. Physical Education: 1, 0, 0, 2. Physics: 1, 0, 0, 0. Political Science: 2, 0, 0, 1. Public Speaking: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Spanish: 1, 0, 0, 4.

Enrolment for year ending June 30, 1926: 936: Men, 315; women, 280.

Degrees conferred year ending June 30, 1926: A.B., 54; B.S., 256.

Fees: Tuition, $200; rent, $60–$120; board, $250; gymnasium fee, $20; graduation fee, $11. French School: Tuition, board and room, $625.

81 scholarships and fellowships. Loan fund.

Employment bureau in charge of Dean E. J. Wiley.

Dates of beginning and ending sessions: September 22, 1927; June 2, 1928.

Summer session: June 30 to August 20, 1928. Attendance, 1925, 341.

Catalog in November.

Administrative officers: President, Paul D. Moody, D.D.; Dean of Men, E. J. Wiley; B. M. Hazeltine; Dean of Women, Eleanor S. Ross; Registrar, Jennie H. Bristol.

MILLS COLLEGE

OAKLAND, CALIFORNIA

Name for bequests: Mills College, Incorporated. Postal address, Mills College, P. O. (Oakland), California. Telegraphic address, Mills College, Oakland.

College for women; privately controlled; undenominational. Courses lead to A.B. and B.Mus.

An academy founded in 1852 in Benecia, California, was purchased by Dr. and Mrs. Cyrus T. Mills in 1865. In 1871 Mills Seminary was moved to Oakland and in 1877 was deeded to a Board of Trustees. College chartered by State of California October 7, 1885. School of Education and Division of Graduate Study established in 1920.

Self-perpetuating Board of 19 Trustees.

Endowment: $1,309,380.04. Income from endowment, $49,411.77. Income from student fees, gifts, residence halls, etc., $317,339.37. Total annual expense, $271,983.93. Notable financial items for year ending June 30, 1926: Completion of million-dollar endowment fund, including General Education Board gift of $350,000, and Carnegie Corporation gift of $50,000.

Grounds and buildings: Six residence halls (500). Total value of grounds (150 acres): Land, $69,000; improvements, $150,000; buildings, $930,000. Total value of grounds, buildings and equipment, $1,430,000.

Library (1905), 38,000 volumes, including 1,300 government documents; 508 current periodicals. Bender Collection of Rare Books and Manuscripts, 1,321 volumes.

Laboratories: Nathaniel Gray Hall of Science (1891), cost $36,000. Science Annex (1918), cost $9,000. Mary Keyser Chemical Laboratories (1922), cost $20,000. Value of laboratory equipment, $22,800.

Health program: Vaccination required. Physical examination required. Physical training required first two years. Infirmary.

Admission requirements: Selective admission of limited number on basis of high school record, psychological test and other evidence of fitness for college work. 15 units, including English 3, Foreign Language 4 or 3, Mathematics 2, Science 1, History 1.

Degree requirements: For B.A.: 124 units and 124 required quality points. Major and courses in Biblical History, Literature and Psychology required. For B.Mus.: 124 units of prescribed work, an original sonata for piano or small orchestra and a recital.

Chapel attendance required.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 3. Astronomy and Geography: 1, 0, 0, 3. Bacteriology and Public Health: 0, 0, 1, 0. Biblical History and Literature: 1 *Lecturer*. Bibliography: 1, 0, 0, 0. Botany: 1, 0, 0, 1. Chemistry: 1, 1, 0, 2. Classics: 1, 0, 0, 0. Economics and Sociology: 1, 0, 1, 0. Education: 1, 1, 0, 1. English: 3, 2, 3, 1. French: 1, 0, 1, 3. German: 1, 0, 0, 0. History and Political Science: 2, 0, 2, 1. Home Economics: 1, 0, 1, 1. Hygiene and Physical Education: 1, 0, 1, 1. Mathematics: 1, 0, 1, 0. Music: 1, 0, 0, 12. Philosophy: 0, 1, 1, 0. Physics: 0, 0, 1, 0. Psychology: 1, 2, 0, 0. Spanish: 0, 0, 0, 2. Zoology and Physiology: 1, 0, 1, 0.

Enrolment for year ending June 30, 1926, 599.

Degrees conferred year ending June 30, 1926, 100. Total number degrees conferred since foundation, 650.

Fees: Tuition, $300 a year; room, $150 a year; board, $350 a year; matriculation fee, $6; laboratory fees, $1 to $10; Service fee, $50 a year; Associated Students fee, $11.50 a year.

Scholarships and fellowships: 20 endowed; 19 annual.

83 students were employed 1925–26 through Student Employment Bureau of Mills College Association for Community Work.

Dates of Autumn semester: September 13, 1927 to January 27, 1928; Spring semester: January 31, 1928 to June 11, 1928.

Catalog in April.

Achievements of year ending June 30, 1926: Art Gallery opened October, 1925. Ethel Moore Residence Hall, opened September, 1926.

Administrative officers: President, Aurelia Henry Reinhardt; Dean of the College, Katherine Rogers Adams; Dean of the Graduate School, Cardinal Goodwin; Dean of School of Music, Luther B. Marchant; Registrar, Clara Kilbourn.

MILLSAPS COLLEGE

JACKSON, MISSISSIPPI

College of Liberal Arts. Premedical and preengineering courses. Coeducational. Property of Methodist Episcopal Church, South.

Chartered by State of Mississippi in 1890; opened in 1892; Carnegie-Millsaps Library given in 1892, rebuilt by Carnegie Corporation ($50,000) 1925; James Astronomical Observatory donated 1901; Law School discontinued 1918; Academy discontinued 1922; Department of Religious Education established 1922.

Board of 16 Trustees, 4 elected triennially by Mississippi and North Mississippi Conferences of the Methodist Episcopal Church, South—one-half clerical, one-half lay members.

Financial resources: Endowment, $786,184.83. Income from endowment, $65,740.76. Income from Student fees, $30,825.56. Income from church collections, $7,115.46. Gifts to endowment during year: W. S. F. Tatum, $25,000; B. B. Jones, $10,000; General Education Board, $19,440. Gift for Library by Carnegie Corporation, $50,000. Total annual expenditures year ending June 30, 1926, $101,599.39.

Grounds and buildings: Three dormitories for men (150); one for women (12). Total value of grounds (100 acres), $200,000. Total present worth of buildings, $210,373.

Carnegie-Millsaps Library (1925), cost $60,000; 25,000 volumes, including 10,000 government documents; 60 current periodicals.

Laboratories: One laboratory (1895); present worth, $30,000; value of equipment, $15,000.

James Observatory: 6-inch refractor.

Health program: Physical training required in first year. Two athletic fields. Physical examination required of all entering students. Infirmary.

Admission requirements: 15 units, including English 3, Mathematics 2½, History 2, Foreign Language 2. Admission by certificate and entrance examinations. Supplementary examination for sectioning, according to ability. No conditions.

Degree requirements: 64 year hours; 27 quality points, 6 for promotion to next class. (A quality point is given for each year hour if grade is 80; 2 if grade is 90.) Major of 12 hours required.

General requirements: Chapel attendance required. Students must live in dormitories, fraternity houses or approved boarding-houses. Students must be passing in at least three courses to continue in school. Fortnightly reports to parents of all failures. Those failing in two subjects placed in study hall each evening for supervised study.

Departments and Staff: Ancient Languages: *Professors* 1; *Associate Professors* 1; *Assistant Professors*, 0. Biology: 1, 0, 1. Chemistry: 1, 1, 0. Education: 1, 0, 0. English: 1, 0, 1. Geology: 1, 0, 0. German: 1, 0, 0. Mathematics: 1, 0, 1. Philosophy and History: 1, 0, 1. Physical Education: 1, 0, 0. Physics and Astronomy: 1, 0, 0. Religious Education: 1, 0, 1. Romance Languages: 1, 0, 1. Social Sciences: 1, 1, 0.

Enrolment year ending June 30, 1926: 394: Men, 277; women, 117. Total number of matriculates since foundation, 5,000.

Degrees conferred year ending June 30, 1926, 65. Total number of degrees conferred, 880.

Fees: $300 to $350 a year; matriculation fee, $15; graduation fee, $10; laboratory fee, $10. Charge for lodging, $34 to $50 a year; board, $18 a month. Annual expenses: Liberal, $600; low, $400.

Scholarships: 16 of $75 each.

Employment bureau: Over 50 per cent earned expenses in part during 1925–26. Appointments office conducted by Department of Education. About 60 per cent of the graduating class secured teaching positions.

Dates of beginning and ending sessions: September 14, 1927; May 30, 1928.

Summer session: June 10 to August 16, 1927; 9 departments offered instruction; 18 courses. Attendance, 1926, 250.

Publications: Catalog in March. Bulletin monthly.

Achievements of year ending June 30, 1926: Progress of endowment campaign collections; total collections, $100,000. Enlargement of science department to include Professor of Biology. Women's dormitory. New athletic field.

Administrative officers: President D. M. Key; Dean of Women, Adeline Bartlett; Registrar, G. L. Harrell.

MILWAUKEE–DOWNER COLLEGE

MILWAUKEE, WISCONSIN

College of Liberal Arts for Women; privately endowed. Undenominational.

Milwaukee College chartered 1851. Downer College chartered 1855 at Fox Lake, Wisconsin. United as Milwaukee-Downer College by Ellen C. Sabin, then President of Downer College, in 1895. Self-perpetuating Board of 32 Trustees.

Endowment: $1,133,509.86. Income from endowment, $59,051.73. Income from other sources, $196,803.14. Total annual expenditures year ending June 30, 1926, $234,647.67. Gifts and pledges amounting to $97,437.97.

Grounds and buildings: Three residence halls (225). Total value of grounds (54 acres), $336,260.55. Total present worth of buildings, $470,964.78. Total value of grounds, buildings and equipment, $924,022.49.

Elizabeth L. Green Memorial Library (1904), 23,000 volumes; 54 current periodicals.

Laboratories: Biology, Chemistry, Geology, Physics, in main recitation building.

Thomas A. Greene Memorial Museum (1913) contains a collection of minerals and a collection of fossils, especially Niagaran and Devonian, some of them said to be undescribed.

Observatory in Merrill Hall (1899): 5-inch refractor.

Health program: Medical examination of all entering students. Gymnasium and athletics prescribed first two years. Plankinton Infirmary (1906), resident trained nurse.

Admission requirements: Admission either by certificate or examination. 15 units, including English 3, Algebra 1, Geometry 1, Language or Science 2, History 1.

Degree requirements: Requirements for all degrees, B.A., B.S., B.S. in Arts, B.S. in Nursing: 120 credits, 120 grade points, Hygiene and 2 years of Physical Education.

General requirements: 2 years gymnasium and 2 years of athletics required. Chapel attendance required. Students must live in College dormitories or with close relatives.

Departments and Staff: Art: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 3. Astronomy: 0, 1, 0. Biblical Literature: 1, 0, 0. Botany: 1, 0, 0. Chemistry: 1, 1, 1. Economics: 1, 0, 0. Education: 1, 0, 1. English: 2, 1, 2. French: 1, 0, 1. Geology and Geography: 0, 1, 0. German: 0, 0, 1. Government: 1, 0, 0. History: 2, 0, 1. Home Economics: 1, 2, 2. Hygiene and Physical Education: 0, 1, 2. Latin: 1, 0, 1. Library Science: 0, 0, 1. Mathematics: 0, 1, 0. Music: 3, 2, 3. Occupational Therapy: 2, 0, 5. Physics: 0, 1, 0. Spanish: 0, 1, 0. Vocal Expression and Dramatic Arts: 0, 0, 1. Zoology: 0, 1, 0.

Enrolment for year ending June 30, 1926: College, 364; Extension and others, 108. Total number of matriculates since foundation, 6,286.

Degrees conferred year ending June 30, 1926: 38: B.A., 17; B.S., 16; B.S. in Arts, 5.

Fees: Tuition, $200 a year; diploma, $5; laboratory, $7 for each science for a year; infirmary fee, $5. Foods Laboratory fee, $20 a year. Clothing course fee, $4 a year. Charge for lodging, board and laundry, $400. Annual expenses: Liberal, $950; low, $617.

Scholarships: 36 awarded to students entering from the high schools, $50 each; 7 others, $80 to $200 each. Loan funds.

Dates of beginning and ending sessions: Third Wednesday in September; third Wednesday in June.

Catalog in April bulletin.

Administrative officers: President, Lucia Russell Briggs; Dean, Aleida J. Pieters; Registrar, Ruby Rouse.

MINNESOTA, UNIVERSITY OF

See: University of Minnesota.

MISSISSIPPI AGRICULTURAL AND MECHANICAL COLLEGE

A. AND M. COLLEGE, MISSISSIPPI

Land Grant College of the State of Mississippi; for men (white).

Organized under Morrill Act of 1862; Act of Mississippi Legislature, 1878.

Board of 9 Trustees: 7 appointed by Governor of the State of Mississippi; 2 are ex officio.

Total annual expenditure for year ending June 30, 1926, $1,266,511.81. Budget, 1926–1927, $1,265,000. Annual State appropriation, $428,912.86. Annual Federal appropriation, $259,304.83. Total Federal and State income, $688,217.69. Other income (estimated), $580,000.

Value of property: Land, $257,520; buildings, $3,116,344; library, $80,079.63; apparatus, $131,346.67; machinery, $245,575.72; furniture, $142,678.24; live stock, $51,498.50; equipment, $291,562.63. Total, $4,316,605.39.

Laboratories: Chemistry, Physics, Mechanical Engineering, Electrical Engineering, Geology, Entomology and Zoology, Bacteriology, Botany, Agronomy, Veterinary Medicine, Horticulture, Dairying.

Library: Catalogued volumes, 35,522; uncatalogued books, 4,374; bound volumes of daily newspapers, 813; pamphlets, 15,763; unbound periodicals, 21,825; current periodicals (separate titles), 372; package libraries for extension work, 1,000; Extension books not cataloged, 7,000.

Health program: Physical examination required of all students. Physical Education and Hygiene required. Three athletic fields. Infirmary.

Admission requirements: 15 units, including English 3, Algebra 1½, Plane Geometry 1, History 2.

Degree requirements: For B.S.: 156 se-

mester hours for the 4 years; for M.S.: course prescribed, including thesis.

Military Science required Freshman and Sophomore years; elective in Junior and Senior years.

Departments and Staff: Agronomy: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Agricultural Economics: 1, 0, 0, 0. Agricultural Education: 1, 1, 1, 0. Agricultural Engineering: 1, 1, 0, 0. Animal Husbandry: 2, 0, 1, 1. Bacteriology: 1, 1, 0, 0. Botany: 1, 1, 0, 1. Chemistry: 1, 3, 0, 1. Civil Engineering: 1, 0, 1, 0. Dairying: 1, 1, 1, 0. Drawing: 1, 0, 0, 0. Economics: 1, 0, 0, 1. Electrical Engineering: 1, 0, 1, 0. English: 1, 1, 1, 2. Finance and Marketing: 1, 1, 0, 0. Geology: 1, 1, 1, 0. Horticulture: 1, 1, 0, 1. Mathematics: 1, 1, 1, 1. Mechanical Engineering: 1, 4, 1, 0. Military Science: 1, 2, 4, 4. Modern Languages: 0, 1, 0, 0. Physics: 1, 1, 1, 1. Physical Education: 1, 0, 2, 0. Political Science: 2, 0, 0, 0. Public Discourse: 1, 0, 0, 0. Poultry: 1, 0, 1, 0. Veterinary Medicine: 1, 0, 0, 0. Zoology: 1, 1, 0, 2.

Enrolment (1925–1926), 1,193.

Degrees conferred June, 1926: B.S.: School of Agriculture, 77; School of Business and Industry, 23; School of Engineering, 48; School of Science, 17. M.S.: School of Agriculture, 1; School of Science, 1.

Fees and Tuition: Tuition free to all Mississippians; $80 a year for others. Fees: Campus fee, $2; laboratory material fee, $5; library fee, $5; hospital fee, $8.50; classroom heat, $5; student activities, $4.75; athletic admissions, $6.50; gymnasium, $2.50; matriculation fee, $5; lodging, $45 a year; board, average for a year, $180. Annual expenses: Liberal, $500; low, $325.

Research work: Mississippi Agricultural Experiment Station, A. and M., Mississippi. Branch experiment stations at Holly Springs, Stoneville, Raymond, Poplarville, and McNeil, Mississippi.

Dates of beginning and ending of sessions: September 21, 1927; June 8, 1928.

Adult education in Agriculture and Home Economics conducted through meetings and field demonstrations in rural communities; college extension service cooperating with county agents and U. S. Department of Agriculture.

Catalog in April.

Administrative officers: President, B. M. Walker; Secretary and Business Manager, M. H. Moore.

MISSISSIPPI COLLEGE

CLINTON, MISSISSIPPI

College of Liberal Arts for men. A limited number of women admitted to Junior and Senior classes. Owned and controlled by Baptist State Convention Board.

Established as Hampstead Academy. Name changed to Mississippi Academy and then to Mississippi College. In 1842 committed to Presbyterian Church. In 1850 offered to Baptist denomination of Mississippi and accepted.

Board of 15 Trustees, elected by Mississippi Baptist Convention.

Endowment: $625,000. Income from endowment, $33,000 a year. Total annual expenditures year ending June 30, 1926, $95,000. Budget, 1926–27, $110,000.

Grounds, 40 acres; buildings, 7. Three residence halls for men (450).

Library (1914): 10,000 volumes.

Science Hall (1912) valued at $60,000; Chemistry, Physics, and Biology equipment valued at $16,000.

Health program: Gymnasium and swimming pool ($100,000). Full time college physician. Medical examination of all students. Prescribed physical training. Athletic field.

Admission requirements: 15 units.

Degree requirements: For A.B., 126 semester hours. Major of 20 semester hours and 3 minors of 15 each. Required of all applicants for degrees: Christianity (any course) 6 semester hours, Mathematics 6, English 12, Foreign Language 6, Physical Training 3. Students must average at least one honor point for each semester hour in order to receive degree. At least 50 semester hours of work of junior and senior grade required. Degree of B.S. in Medicine or B.S. in Engineering offered to those completing certain requirements and one year in a recognized medical or engineering school.

All students required to attend chapel.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 3. Business Administration: 1, 0, 0, 0. Chemistry: 2, 0, 0, 5. Christianity: 1, 0, 1, 0. Education and Psychology: 1, 0, 1, 0. English: 1, 1, 1, 3. Greek: 1, 0, 0, 0. History: 1, 0, 1, 0. Latin: 1, 0, 1, 0. Mathematics: 1, 0, 1, 1. Modern Languages: 1, 1, 1, 0. Physics: 1, 0, 0, 2. Physical Education: 1, 0, 2, 0.

Enrolment for year ending June 30, 1926, 533. Total enrolment for year, including summer school of 1925, 766.

Degrees conferred year ending June 30, 1926: 82 B.A., 1 M.A.

Fees: Matriculation, $24; medical fee, $6; athletic fee, $10; laboratory, $5 to $7.50; charge for lodging and board (school month) $25. Tuition, $85 a session, if paid on entrance; by semester, $47.50; monthly, $11.25. $400 is the approximate average cost for one session.

Several scholarships. Loan fund.

Dates of beginning and ending sessions: Middle of September; last of May.

Summer session: June 7 to August 21. Attendance, 1925, 319.

Catalog in June.

Achievements of year ending June 30, 1926: Completion of Alumni Hall, gymnasium, club rooms and swimming-pool at cost of $100,000.

Administrative officers: President, John William Provine; Chairman of Credits Committee, M. Latimer.

MISSISSIPPI STATE COLLEGE FOR WOMEN

COLUMBUS, MISSISSIPPI

State College for Women.

Founded in 1884. The first State College founded for women. Its aim, as stated by its founders, is "the moral and intellectual advancement of the white girls of the State."

Seven trustees, appointed by Governor and confirmed by State Senate; Governor and State Superintendent of Education ex officio members.

Income not including fund for new buildings nor receipts and expenditures on account of living expenses, $270,666.43. Total annual expenditures year ending June 30, 1926, $266,710.83. Budget, 1926–1927, $287,400.98. Appropriation of $500,000 by legislature and gift of $100,000 from a friend to be used for new buildings.

Grounds and buildings: Total value of grounds (40 acres), $150,000. Total present worth of buildings, including buildings now under construction, $1,809,500. Total value of grounds, buildings and equipment, $2,138,750.

Library (1908), 20,800 volumes, including 500 government documents; 160 current periodicals.

Science Hall (1906), valued at $90,000. Equipment: Physics, $8,500; Biology, $8,000; Chemistry: $11,400; Home Economics, $9,000; Miscellaneous, $5,000.

Health program: Physical examination by resident physician required. New gymnasium being erected. Infirmary, 30 beds; resident physician and two nurses.

Admission requirements: 15 units, including English 3, Mathematics 2; a principal group of 3 or more units; a secondary group of 2 or more units. Not more than 4 units may be in vocational subjects.

Degree requirements: 140 semester hours, including 12 in Physical Education and 8 for Chapel attendance. An average of 2 quality points for each semester course counted toward graduation. A minimum of 18 semester hours for a major, and 12 semester hours for a minor, beyond prescribed courses. For A.B., prescribed courses are: English, 14 semester hours; Hygiene 4, Psychology 6, History 6, Foreign Language 12, Political Science and Economics 6, Mathematics or Science 6; 6 in an applied subject, usually Food Study and Clothing. For B.S. in Home Economics: Prescribed Smith-Hughes course required.

Chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Art: 1, 0, 1, 1. Bacteriology and Hygiene: 1, 0, 0, 3. Bible: 0, 0, 0, 1. Biology: 1, 0, 0, 3. Chemistry: 1, 0, 0, 1. Commercial: 1, 0, 1, 0. Education: 1, 0, 5, 3. English: 1, 1, 4, 7.

History: 1, 1, 1, 3. Home Economics: 1, 0, 2, 3. Mathematics: 1, 0, 0, 1. Modern Languages: 1, 0, 1, 5. Music: 2, 0, 5. 3. Philosophy and Sociology: 1, 0, 0, 0. Physical Education: 1, 0, 1, 2. Physics: 1, 0, 0, 0. Political Science: 1, 0, 1, 0.

Enrolment for year ending June 30, 1926, 1,220. Total number of matriculates since foundation, 15,000.

Degrees conferred year ending June 30, 1926, 247. Total number of degrees conferred since foundation, 2,322.

Fees: Tuition, excepting in Music, free to Mississippi students for 4 years; non-residents pay $100 annually. Music, $75; matriculation, $15; graduation, $5; Other general fees, $10. Laboratory, $1 to $5 a semester. Lodging and board at cost. Annual expenses: $225 to $350, including room, meals, laundry, heat, light, water, fees of all kind (except music), and books.

Employment bureau: There are 100 self-help positions in the College, paying from $50 to $100 annually. About 25 per cent of the students earn a portion of their college expenses.

Dates of beginning and ending sessions: September 20, 1927; June 8, 1928.

Catalog in late spring.

Administrative officers: President, John C. Fant; Dean, Nellie S. Keirn; Registrar, B. K. Daugherty.

MISSISSIPPI WOMAN'S COLLEGE

HATTIESBURG, MISSISSIPPI

Baptist College for Women.

Founded 1906. Owned by the four Baptist churches of Hattiesburg, Mississippi, 1906–1911. Taken over by Mississippi Baptist Convention in 1911.

Board of 15 Trustees, 5 elected yearly for a term of 3 years by the Mississippi Baptist Convention.

Endowment: $303,462.29. Income from endowment, $16,285.36. Income from other sources, $66,285.36. Total annual expenditures year ending June 30, 1926, $82,344.36. Budget, 1926–1927, $88,710. $10,000 annual support fund from the Mississippi Baptist Convention.

Grounds and buildings: Total value of grounds (40 acres), $19,950. Total present worth of buildings, $310,500. Total value of grounds, buildings and equipment, $365,339.62.

Library, 9,200 volumes; 80 current periodicals.

Laboratories: Present worth of buildings, $5,000. Biology equipment, $2,200; Chemistry, $4,950.

Physical examination of all students required twice a year. A $30,000 hospital owned by the college. Athletic field. Gymnastics required all four years.

Admission requirements: English 3, Mathematics 2 (including Plane Geometry), History 1; 4 units with not fewer than 2 in any subject from Foreign Language, Science or History. No conditions allowed.

Degree requirements: 120 semester hours; 120 honor points.

Daily chapel attendance required.

Departments and Staff: Biology: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 0, 0, 1. Education: 1, 0, 0, 1. English: 3, 0, 0, 1. French: 1, 0, 0, 1. History: 1, 0, 0, 2. Home Economics: 0, 0, 1, 0. Mathematics: 1, 0, 0, 0. Religious Training: 1, 0, 0, 0. Spanish and Latin: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 324.

Degrees conferred year ending June 30, 1926: A.B., 34.

Fees: Matriculation, $3.50; graduation, $10; laboratory, $5. Charge for lodging and board, $120 a semester. Average annual expenses: Liberal, $600; low, $400.

Dates of beginning and ending sessions: September 12, 1927; May 31, 1928.

Summer session: June 1–August 17, 1928.

Publications: Catalog in April. President's report published in Mississippi Baptist Convention Annual.

President, J. L. Johnson.

MISSISSIPPI, UNIVERSITY OF

See: University of Mississippi.

MISSOURI, UNIVERSITY OF

See: University of Missouri.

MISSOURI VALLEY COLLEGE

MARSHALL, MISSOURI

Liberal Arts College. Coeducational. Owned by Synod of Missouri, Presbyterian Church (U. S. A.).

Outgrowth of need for a college felt by Cumberland Presbyterian Church. First Board of Trustees organized in June, 1888.

Board of 21 Trustees, elected by Synod of Missouri, Presbyterian Church, U. S. A.

Endowment: $620,000. Income from endowment, $36,000. Income from tuition, $34,000. Total annual expenditures year ending June 30, 1926, $55,900. Gift from General Education Board, $60,000. Collections from subscriptions, $240,000.

Grounds and buildings: Total value of grounds, $15,030. Total present worth of buildings, $414,524.99. Total value of grounds, buildings and equipment, $590,668.42.

Murrell Memorial Library being erected at cost of $90,000; 32,000 volumes, including 2,500 government documents; 30 current periodicals.

Laboratories in main buildings. Equipment: Physics, $4,013; Chemistry, $4,164; Biology, $5,916.

Health program: Physical education required. Gymnasium.

Admission requirements: 15 units according to North Central Standards.

Degree requirements: 128 semester hours. Major and minors.

Departments and Staff: Biblical Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0. Biology: 1, 0, 0. Chemistry: 1, 0, 0. Classical Languages: 1, 0, 0. Economics and Sociology: 1, 0, 0. Education: 1, 0, 0. English: 1, 1, 0. Romance Languages: 1, 1, 0. German: 1, 0, 0. History: 1, 0, 0. Home Economics: 1, 0, 0. Mathematics and Astronomy: 1, 0, 0. Music: 2, 0, 0. Physical Education: 1, 0, 1. Philosophy: 1, 1, 0.

Enrolment for year ending June 30, 1926: 329: Men, 126; women, 203. Total number of matriculates since foundation, 9,410.

Degrees conferred year ending June 30, 1926, 40. Total number of degrees conferred since foundation, 592.

Fees: Tuition and incidental fees, $47.50 a quarter. Room, a quarter, men, $12; women, $22.50. Board, $72 a quarter.

Scholarships: 30 endowed scholarships pay from $100 to $200 annually.

Employment bureau: 20 per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: First Thursday in September; last Thursday in May.

Summer session: May 31 to August 6, 1926. Five departments offered 14 courses. Attendance, 1925, 159.

University Extension: Saturday classes for teachers.

Catalog in April.

Administrative officers: President, William Henry Black; Dean, Samuel R. Braden; Dean of Women, Ivah M. Barrett; Registrar, John J. Dynes.

THE MONMOUTH COLLEGE

MONMOUTH, ILLINOIS

Coeducational. Under control of United Presbyterian Church.

Opened as an academy in 1853. Opened as a college, 1856. Chartered, 1857.

Board of 9 Trustees; 31 Directors. These compose the Senate in which corporate powers are vested.

Endowment: $1,069,000. Income from endowment, $54,611.46. Income from other sources, $96,647.63. Total annual expenditures year ending June 30, 1926, $163,798.13. Gifts, $43,553.57. Campaign, $50,053.04.

Grounds and buildings: Total value of grounds (23 acres), $77,100. Total present worth of buildings, $702,100. Total value of grounds, buildings and equipment, $875,164.79.

Library (1907), 30,000 volumes, including 11,000 government documents; 100 current periodicals.

Laboratories (1910), valued at $50,000. Equipment, $30,000.

Health program: Physical examination required at beginning of college year. Gymnasium. Athletic field. Resident nurse in women's dormitory.

Admission requirements: 15 units, including English 3, Foreign Language 2, History 1, Laboratory Science 1, Mathematics 2½.

Degree requirements: 124 semester hours; 240 honor points. Major of 20 hours; 14 hours in each of two minor subjects; English 6 hours, Bible 5 hours, Public Speaking 2 hours, 14 hours in Language, Social Science or Mathematics and Science. For A.B: 4 years of Foreign Language including 2 of Latin or Greek. For B.S.: not less than 3 years of Science.

Departments and Staff: Bible: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1, 0. Chemistry: 1, 1, 4, 0. Education: 1, 1, 0, 0. English: 1, 2, 3, 0. Greek: 1, 0, 0, 0. History: 1, 0, 0, 0. Latin: 1, 1, 0, 0. Mathematics: 1, 0, 1, 0. Modern Language: 1, 1, 2, 0. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 1, 0.

Enrolment for year ending June 30, 1926: Men, 257; women, 222.

Degrees conferred year ending June 30, 1926: A.B., 32; B.S., 38; B.Mus., 2; A.M., 1. Total number of degrees conferred since foundation, 2,145.

Fees: Tuition, $125 a year. Matriculation, $5. Graduation, $5. Charge for lodging and board, $1 a day. Annual expenses, including living expenses: Liberal, $750; low, $500.

Scholarships: 132 ($40 to $100 a year.)

Employment bureau: About 60 per cent of students earned all or part of way.

Dates of beginning and ending sessions: First semester, September 7, 1927 to January 25, 1928. Second semester, January 25, 1928 to June 7, 1928.

Summer session: June 22 to July 31, 1926. Seven departments offered 20 courses. Attendance, 1926: Sixty enrolled (first summer session).

Publications: Catalog in May. President's report in June.

Achievements of year ending June 30, 1926: Finished campaign for $300,000 for buildings and endowment.

Administrative officers: President, T. H. McMichael; Dean of Women, Edith J. Morton; Registrar, Inez Hogue.

MONTANA STATE COLLEGE

BOZEMAN, MONTANA

Technological college for men and women.

Enabling Act passed by Legislature of Montana February 16, 1893; Board organized and site chosen March 21, 1893. Opened, September 15, 1893.

Montana State College is one of the institutions of the University of Montana. The four institutions of higher education in the State were organized into the University of Montana under the Leighton Act, passed by the Montana legislature in February, 1913. Under this enactment the administration of the entire organization is under a Chancellor of the University of Montana, who reports to the State Board of Education. Each institution has a President, who reports to the Chancellor. The Board of Education consists of eight members appointed by the Governor and approved by the Senate; and three ex officio members, the Governor, the Attorney-General and the State Superintendent of Public Instruction.

Financial resources: Income for the year 1925–26, $339,947. State appropriation, $204,000. Income from Federal sources, $100,000. Balance from sales income and fees.

Buildings (23) and land (388 acres), valued at $2,089,111.

Library, 31,000 volumes.

Laboratories: Separate buildings for Chemistry, Biology, Electrical, Mechanical and Civil Engineering, Physics. Equipment valued at $59,477.

Zoology museum in Biology building. Geological museum in Chemistry building.

Health program: Health examination in autumn. Gymnasium (1921), cost $238,000. Athletic field. Infirmary (1921). Students pay health fee of $2 a quarter, and doctor's and hospital bills of students are paid from this. College nurse.

Admission requirements: 15 units. Admission to Engineering requires 3 years Mathematics and one year Physics. After September 1, 1927, admission requires high school graduation, including 3 units English, 1 unit American History.

Degree requirements: Completion of some

prescribed course with not less than 203 quarter credits.

General requirements: Two years physical education and 2 years military science required for all men.

Departments and Staff: Agricultural Economics: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Agricultural Education: 1, 0, 0, 0. Agricultural Engineering: 1, 0, 1, 1. Agronomy: 1, 0, 1, 1. Animal Husbandry: 1, 2, 1, 0. Architectural Engineering: 1, 0, 1, 0. Art: 1, 0, 0, 2. Botany-Bacteriology: 1, 1, 0, 0. Chemistry: 1, 0, 2, 1. Civil Engineering: 1, 0, 2, 0. Economics: 1, 0, 1, 0. Education and Psychology: 1, 0, 1, 0. Electrical Engineering: 1, 0, 1, 0. English: 1, 0, 1, 5. Entomology: 2, 0, 0, 0. History: 1, 0, 0, 1. Home Economics: 1, 1, 4, 1. Horticulture: 1, 0, 1, 0. Library: 1, 0, 0, 1. Mathematics: 1, 0, 2, 1. Mechanical Engineering: 1, 2, 1, 2. Modern Languages: 1, 0, 0, 1. Music: 1, 0, 0, 1. Physics: 1, 0, 1, 0. Physical Education: 1, 0, 1, 2. Veterinary Science: 1, 0, 0, 1. Zoology: 1, 0, 0, 0.

Enrolment for 1925–26: 1,191: Men, 798; women, 393. Since organization of the college 4,018 students have entered the 4-year courses. In addition to these, 8,434 persons have taken some work in the institution.

Degrees conferred year ending June 30, 1926, 101. Total number of degrees conferred since foundation, 853.

Fees: Total fees charged by college, $35. Board and room in women's dormitory, from $33.50 to $37.

Experiment Station expends over $200,000 a year.

Seventy-five per cent of students earn all or part of their way.

Dates of beginning and ending sessions: September 23, 1927; June 8, 1928.

University Extension: Limited extension work with Smith-Hughes classes in Manual Training and Agriculture.

Catalog in April.

Administrative officers: President, Alfred Atkinson; Dean of Men, J. M. Hamilton; Dean of Women, Una B. Herrick; Dean of Engineering, E. B. Norris; Dean of Agriculture and Director of Experiment Station, F. B. Linfield; Registrar, R. O. Wilson.

MONTANA, STATE UNIVERSITY OF

See: State University of Montana.

THE MORAVIAN COLLEGE AND THEOLOGICAL SEMINARY

BETHLEHEM, PENNSYLVANIA

College for men with a theological department for graduates. Privately controlled by trustees elected by and responsible to the Synod of the Moravian Church in the United States.

Founded at Nazareth, Pennsylvania, in 1807. Established in Bethlehem, 1858. Incorporated 1863 under its present title.

Board of 24 trustees, 17 of whom are elected by the Northern and 7 by the Southern Synod of the Moravian Church in the United States.

Financial resources: Amount of endowment, $204,155. Income from endowment, $10,819.95. Income from a Church Fund, $1,400. Income from Moravian Church in United States, $9,327.70. Income from tuition and fees, $14,352.53. Total income year ending June 30, 1926, $35,900.18. Total annual expenditures year ending June 30, 1926, $35,299.65. Land presented by an alumnus valued at $40,000.

Seven buildings valued at $376,500, and 7 acres of land for campus and athletic purposes.

Library (1907), 22,000 volumes.

Laboratories: Memorial Science Building (1924): Physics, Chemistry, Geology and Biology.

Health program: Required physical education for undergraduates. Gymnasium. Annual physical examination of students. Infirmary.

Admission requirements: 15 units of a 4-year high school course with elementary Algebra, including Quadratics and Plane Geometry. For A.B.: Latin Grammar and Prose Composition, and the reading of Cæsar and Virgil.

Degree requirements: For A.B.: 4 years of Latin and 4 years of Greek, or 4 years of either classical language, plus 2 years each of two modern languages (French, German Spanish). All other students in Liberal Arts

and Sciences are offered the B.S. degree. 120 units required for either degree. The period of study must cover 4 years in either case, and must include 4 years of English, and in the case of the B.S. two modern languages for 2 years.

Daily chapel attendance required.

Departments and Staff: Biology: *Professor*, 1; *Assistant Professors*, 0; *Instructor*, 0. Chemistry: 1, 0, 0. English Bible: 1, 1, 0. English: 1, 1, 0. Greek: 1, 0, 1. Gymnastics: 1, 0, 0. Hebrew: 1, 0, 0. History: 1, 0, 0. Latin: 1, 0, 1. Mathematics: 1, 0, 0. Modern Languages: 1, 0, 0. Pedagogy: 1, 0, 0. Philosophy: 1, 0, 0. Physics: 1, 0, 0.

Enrolment for year ending June 30, 1926, 103: Undergraduates, 84; graduate, 1; theology, 18.

Degrees conferred year ending June 30, 1926: A.B., 5; B.S., 4; B.D., 3.

Fees: Annual tuition fee, $200. Board, room and tuition, $600. Chemistry fee, $25. Physics, $5. Student organizations fee, $10. Graduation fee, $7.50.

Half scholarships are granted to one graduate of each of certain high schools, to sons of Moravian ministers, and about 30 scholarships to candidates for the ministry of the Moravian Church.

Dates of beginning and ending sessions: September 22, 1927; June 6, 1928.

Catalog in April.

Administrative officers: President, J. T. Hamilton; Dean, A. G. Rau; Secretary, W. N. Schwarze; Registrar, H. Hoffman.

MORGAN COLLEGE

HILLEN ROAD AND ARLINGTON AVENUE
BALTIMORE, MARYLAND

Coeducational College of Liberal Arts and Education for Negroes. Privately controlled. Methodist Episcopal.

Founded November 27, 1867 as the Centenary Biblical Institute to train for Christian Ministry. New charter secured in 1890 and name changed to Morgan College in honor of Reverend Lyttleton F. Morgan.

Self-perpetuating Board of Trustees, 24 in number; the President of the College is an ex officio member.

Endowment, $67,102. Income from endowment, $3,379. Income from other sources, $61,643. Total annual expenditures, 1926, $68,170.

Grounds (85 acres) valued at $85,000. Buildings valued at $438,955. Equipment, $52,476. Total value, grounds, buildings, and equipment, $576,431.

Library (1919), 9,000 volumes including 2,000 Government Documents; 55 current periodicals. Special collection of books by and about the Negro; Documentary History of the Civil War.

Laboratories valued at $100,000.

Health program: Health examinations. Athletic field valued at $15,000.

Admission requirements: 15 units. One unit of condition allowed; must be removed within the Freshman year.

Degree requirements: 120 semester hours required for baccalaureate degree: English 24; Science 12; Language 12; History 6; Social Science 6; Mathematics 6; Religious Education 8; Physical Education 8.

Chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Assistants*, 0. Education: 2, 2. English: 4, 2. History: 1, 0. Modern Languages: 1, 2. Religious Education: 1, 0. Science: Biology: 1, 1. Chemistry: 1, 1. Physics: 1, 0. Social Sciences: 1, 0.

Enrolment for year ending June 30, 1926, 584: Men, 196; women, 388. Total matriculates since foundation, 8,500.

Degrees conferred year ending June 30, 1926, 35.

Fees: Tuition, $80 a year; matriculation, $25; graduation, $5; lodging and board, $220 a year. Annual expenses: Liberal, $400; low, $325.

Forty scholarships of $50 each.

Percentage of students who earned way through college in whole or in part, 58.

Dates of beginning and ending sessions: September 26, 1927; June 7, 1928.

Summer Session: June 25 to August 4, 1928. Attendance, 1925, 159.

Annual catalog in May.

Administrative officers: President, John Oakley Spencer; Dean, John W. Haywood; Registrar, Edward N. Wilson.

MORNINGSIDE COLLEGE

SIOUX CITY, IOWA

College and School of Music. Coeducational. Privately controlled. Under auspices of the Methodist Episcopal Church.

In September, 1894, Northwest Iowa Annual Conference of Methodist Episcopal Church appointed a commission to establish a college. This purchased the property of "The University of the Northwest," established in 1889 at Morningside and secured a charter for Morningside College, 1894. Charles City College was organized at Galena, Illinois, in 1868, and was moved to Charles City, Iowa, in 1891. In 1914 was united with Morningside College. By the terms of this consolidation, the educational interests of the Northwest German Conference of the Methodist Episcopal Church are centered in Morningside College.

Board of 54 trustees. Nominated by Board of Trustees and elected by the Northwest Iowa Conference, and Chicago-Northwest Conference of the Methodist Episcopal Church.

Endowment: $601,000. Income from endowment, $16,500. Income from other sources: Educational collection within Conferences, $10,350; Board of Education of Methodist Episcopal Church, $7,100; tuition and fees, $107,500; miscellaneous, $4,000. Total annual expenditures year ending June 30, 1926, $160,880. Budget for 1926–1927, $159,000.

Grounds and buildings: Residence hall for men (23); for women (200). Total value of grounds (31 acres), $105,500. Total present worth of buildings, $263,000. Total value of grounds, buildings, and equipment, $437,500.

Library in Main Building (1899), 30,000 volumes, including 200 government documents; 135 current periodicals.

Laboratories: Biology and Physics in the Main Building; Chemistry, in temporary building.

Value of Gymnasium, $45,724; men's athletic field, $20,584; women's athletic field, $7,000.

Admission requirements: Candidates must be at least 16 years of age, and give satisfactory evidence of good moral character. 15 units, including English 3, Mathematics 2, History 1; 5 additional from English, Foreign Languages, Mathematics, History, Civics, Economics, Science.

Degree requirements: 120 semester hours plus 8 semester hours of physical training for men, and 12 semester hours for women. At least 90 semester hours of "C" grade or above. Major of at least 20 semester hours, and a minor of at least 12. Certain courses prescribed.

General requirements: Eight semester hours of physical education for men; 12 for women. Chapel attendance required.

Departments and Staff: Bible and Religion: *Professors*, 2; *Assistant Professors*, 0; *Instructors*, 0; *Assistants*, 0. Biology: 1, 0, 0, 1. Economics and Sociology: 1, 0, 0, 1. Education: 1, 0, 1, 0. English Language: 1, 1, 0, 2. English Literature: 1, 0, 0, 0. Expression: 0, 0, 1, 0. French and Spanish: 1, 0, 3, 0. German: 1, 0, 0, 0. History and Politics: 1, 0, 0, 2. Latin and Greek: 1, 1, 0, 0. Mathematics: 1, 0, 2, 0. Philosophy and Psychology: 1, 0, 0, 1. Physics: 1, 0, 0, 1. Public Speaking: 0, 0, 1, 0. Physical Training: 1, 0, 3, 0.

Enrolment for year ending June 30, 1926: College, 743: Men, 314; women, 429. Including college, conservatory of music, expression, sub-freshmen, summer school: 1,194. Total number of matriculates since foundation, 6,561.

Degrees conferred year ending June 30, 1926, 80. Total number of degrees conferred since foundation, 1,052.

Fees: Tuition, $75 a semester; incidental fee, $10; gymnasium fee, $7; laboratory fees, $2 to $10. Lodging, $8 a month. Board, $5.50 a week. Total expenses: Low, $600; medium, $800; high, $1,000.

Thirty-five scholarships.

Employment bureau: Percentage of students who earned way through college year ending June 30, 1926: Men, 30; women, 42.

Dates of beginning and ending of sessions: September 13, 1927; June 2, 1928.

Summer session, 1925: June 4 to August 12. Attendance, 1925, 307.

Extension: Evening courses.

Publications: College Bulletins, 18 times a year includes General Catalog in April.

Achievements year ending June 30, 1926: Successful campaign for women's dormitory: cost $260,000.

Administrative officers: President, Frank E. Mossman; Vice-President, F. W. Schneider; Dean of Men, Myron E. Graber; Dean of Women, Lillian E. Dimmitt; Registrar, Ethel R. Murray; Officers in charge of foreign students, the Deans.

MOUNT HOLYOKE COLLEGE

SOUTH HADLEY, MASSACHUSETTS

Name for bequests: The Trustees of Mount Holyoke College.

College for women, privately controlled. Non-denominational.

Founded in 1837 by Mary Lyon, as a seminary. In 1888 charter granted to "Mount Holyoke Seminary and College"; in 1893 Seminary course discontinued and new charter granted to "Mount Holyoke College."

Board of not more than 28 Trustees, 3 of whom are alumnæ. The other members of the Board are at present elected for life.

Endowment: $3,677,647.65. Income from endowment, $158,268.49. Income from other sources, $927,169.64. Total annual expenditures year ending June 30, 1926, $1,074,393.71. In June, 1925, completed subscriptions of gifts and pledges amounting to $3,000,000 of which $2,000,000 was for endowment and $1,000,000 for buildings. In addition, gifts to the amount of $28,399 have been pledged by alumnæ payable in April, 1927.

Grounds and buildings: 19 residence halls and cottages. Total value of grounds (267 acres), about $120,000. Total present worth of 34 buildings, $2,704,157.

Williston Memorial Library (1905), 91,469 volumes and pamphlets.

Laboratories: Lydia Shattuck Hall (1892). Physics and Chemistry, valued at $97,963.-54. Cornelia Clapp Laboratory (1924), Botany, Geology, Hygiene, Physiology and Zoology, valued at $728,000.

Museums: Dwight Art Memorial (1901) includes sculpture and picture galleries, art library, studios, lecture and seminar rooms.

John Payson Williston Observatory (1908): 8-inch equatorial telescope.

Health program: Gymnasium (1899), valued at $66,240. Physical and Mental Hygiene tests of first year students. Athletic fields. Resident physician. Infirmary; 3 nurses.

Admission requirements: 15 units, including English 3, Mathematics 3, History 1, Foreign Language 6. Psychological test. Physician's certificate.

Degree requirements: 120 semester hours and 4 hours of Physical Education and Hygiene; half the work of course and half the work of the last year must be of C grade or above. Major and minor subjects of 39 hours taken in two departments. The major usually includes 24 hours and the minor 15, although occasionally 21, and sometimes 18. For M.A., thesis required.

General requirements: Church and chapel attendance required. Freshmen are allowed three week-ends a semester away from college; there is no definite restriction for upper classmen, but registration for out of town absence is required by the Dean's office. Students are all housed in campus dormitories. Smoking not allowed while students are under jurisdiction of the college.

Departments and Staff: Art and Archæology: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1, Astronomy: 1, 0, 1, 1. Biblical History and Literature: 2, 0, 1, 1. Botany: 1, 1, 0, 0. Chemistry: 3, 2, 1, 1. Economics and Sociology: 1, 2, 0, 3. Education: 0, 1, 0, 1. English: 2, 2, 3, 0. English Literature: 1, 3, 1, 2. Geology: 1, 0, 0, 2. German: 1, 2, 0, 0. Greek: 1, 0, 0, 0. History and Political Science: 3, 1, 0, 3. Hygiene: 1, 0, 0, 0. Latin: 1, 1, 1, 1. Mathematics: 3, 0, 0, 1. Music: 2, 4, 0, 2. Philosophy and Psychology: 3, 0, 1, 0. Physical Education: 1, 0, 0, 4. Physics: 1, 1, 0, 2. Physiology: 1, 0, 0, 1. Romance Languages: 2, 0, 2, 1. Speech: 0, 1, 1, 1. Zoology: 1, 2, 1, 2.

Enrolment for year ending June 30, 1926, 1,024.

Degrees conferred year ending June 30,

1926: A.B., 192; A.M., 4. Total number of Alumnæ, living and dead, graduates and non-graduates, since foundation, 13,031.

Fees: Tuition, $350 a year. Board and room, $540. Infirmary fee, $10. Annual expense, $900. A fee of $10 must be deposited by each student in order to secure enrolment. A deposit of $10 must be sent to the Registrar by members of the Freshman class and by those entering from other colleges and universities in order to reserve a room. Laboratory fees, $1.50 to $6 a semester. Graduation fee, $10. Annual expenses: Liberal, $1,510; low, $1,060.

Scholarships and fellowships: 121 general scholarships ($13,300); 7 South Hadley scholarships ($2,100); 25 special scholarships ($7,350); 8 foreign scholarships ($5,460). 6 fellowships for graduate study ($250 to $1,000 each).

Research funds: Besides the fellowships mentioned, any of which may be used for research, tuition is free to properly qualified graduates of Mount Holyoke College in any of the following schools: American School of Classical Studies at Athens, American Academy at Rome, American School of Oriental Research at Jerusalem. At Athens 3 fellowships of $1,000 each are offered at Rome, 2 annually for one year each with stipend of $1,000, one biennially for a term of 2 years, with a stipend of $1,000 a year; at Jerusalem, one annually with a stipend of $1,000.

Employment bureau: No student is able to earn her way entirely for any college year. Total earnings reported by 210 students, $21,170.71.

Dates of beginning and ending sessions: September 23, 1927; Commencement, June 6, 1928.

Publications: Catalog in January. President's and Treasurer's report in November.

Achievements of year ending June 30, 1926: Development of course with honors; approach to a tutorial system; sectioning on basis of ability in some departments, all working toward emphasis on individual.

Administrative officers: President, Mary Emma Woolley; Dean, Florence Purington; Registrar, Caroline Boardman Greene; Executive Secretary of the Board of Admission, Mary Ashby Cheek.

MOUNT ST. JOSEPH COLLEGE

DUBUQUE, IOWA

Catholic college for women.

In 1843 Sisters of Charity of the Blessed Virgin Mary established an Academy in Dubuque, Iowa. In 1901, college added.

Endowment: $360,000. Income from endowment, $18,000. Income from other sources, $110,825.

Grounds and buildings: Total value of grounds (60 acres), $50,000. Total present worth of buildings, $1,250,000. Total value of grounds, buildings and equipment, $1,644,000.

Library, 11,100 volumes.

Laboratories: Value of laboratory equipment in principal departments, $13,700.

Gymnasium: Required lectures in Hygiene. Nurse.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Science 1. Conditions allowed.

Degree requirements: For A.B.: 120 semester hours; 120 grade points. First 2 years prescribed. Major, 24 to 40 hours of progressive work. Minor, 12 to 18 hours.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0. Chemistry: 1, 0. Dramatic Art: 1, 1. Education: 2, 0. English: 3, 0. French: 1, 1. Geology-Geography: 1, 0. German: 1, 0. Greek: 1, 0. History: 1, 1. Home Economics: 1, 0. Journalism: 1, 0. Latin: 1, 0. Library Science: 1, 0. Mathematics: 1, 1. Music: 3, 3. Philosophy: 2, 0. Physics: 1, 0. Physical Education: 1, 0. Plastic Arts: 1, 2. Political Science: 1, 0. Secretarial: 1, 0. Social Science: 1, 0. Spanish: 1, 0.

Enrolment for year ending June 30, 1926, 533.

Fees: Tuition, $75 a semester. Matriculation, $10. Graduation, $10. Other general fees, $12.50. Laboratory, $2.50 to $7.50. Lodging and board, $165. Annual expenses: Liberal, $350 a semester; low, $300.

Dates of beginning and ending sessions: September 14, 1927; June 8, 1928.

Summer session: June 23–August 4, 1928. Ten departments offered 30 courses in 1926. Attendance, 1925, 206.

Administrative officers: President, Sister Mary Clara Russell; Dean, Sister Mary Basiline Bates; Registrar, Sister Mary St. Helen Donahue.

MOUNT SAINT MARY'S COLLEGE

EMMITSBURG, MARYLAND

Name for bequests: President and Council of Mount Saint Mary's College.

Catholic College for men.

Founded in 1808. Chartered in 1830.

Total value of grounds (1,200 acres), $2,000,000.

Library, 22,000 volumes; 20 current periodicals.

Laboratories for Biology, Chemistry, and Physics. Scientific apparatus valued at $80,000.

Admission requirements: 15 units: English 3, Mathematics 2, History 1, Science 1. Language other than English 2. Two conditions allowed; must be removed within a year.

Degree requirements: 128 semester hours. Philosophy, English and History thesis required.

All students live at College. Requirement of residence during Senior year of candidates for degree.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 0, 0. Economics: 1, 0, 0. Education: 1, 0, 0. Greek: 3, 1, 0. History: 1, 0, 0. Latin: 3, 1, 0. Mathematics: 2, 0, 0. Modern Languages: 2, 0, 2. Philosophy: 3, 0, 0. Physics: 1, 0, 0.

Enrolment for year ending June 30, 1926, 175.

Degrees conferred year ending June 30, 1926: A.B., 22; M.A., 10; LL.D., 3.

Fees: Tuition and board, $500 a year. Laboratory, $10 to $20.

Dates beginning and ending sessions: September 10, 1926; January 30, 1927. February 1, 1927; June 15, 1927.

Catalog in July.

Administrative officers: President, Rt. Reverend Monsignor B. J. Bradley; Registrar, Reverend John L. Sheridan.

MOUNT ST. VINCENT ON HUDSON, COLLEGE OF

See: College of Mount St. Vincent on Hudson.

MOUNT UNION COLLEGE

ALLIANCE, OHIO

Privately controlled; affiliated with Methodist Episcopal Church. Coeducational.

Founded 1846; chartered January 9, 1858. Organized as a "Select School" by Dr. Orville Nelson Hartshorn; named Mount Union Seminary 1849. In 1911 Scio College was united with Mount Union College.

Board of 30 Trustees and President of the College ex officio; 9 elected by Northeast Ohio Conference of Methodist Episcopal Church; 3 elected by Pittsburgh Conference; 12 elected by the Board; 6 elected by the Alumni.

Endowment: $744,948. Annual budget for year 1925–26, $152,500.

Campus of 53 acres valued at $143,922. Ten buildings, value, $503,278. Value of equipment, $202,705.

Library, 39,000 volumes; 700 unbound volumes of periodicals; 13,500 pamphlets; 210 current periodicals.

Lamborn Science Hall: Physics, Chemistry, Biology, and Geology.

Museum of Natural History occupies third floor of Chapman Hall.

Clarke Observatory (1924).

Physical examination of all entering students. Physical training required during first two years. Gymnasium for men; another for women.

Admission requirements: 15 units, including English 3, Mathematics: Algebra and Geometry 2, Foreign Language 4, Science (Laboratory) 1, History 1.

Degree requirements: 124 semester hours, not more than 31 of which may be of grade D. For A.B. and B.S.: About 75 hours prescribed.

Daily chapel attendance required.

Departments and Staff: Bible: *Professors*, 1. Biology: 2. Chemistry: 2. Economics: 1½. Education: 2. English: 3. Geology: 1. Greek: 1. History: 2. Latin: 1. Mathematics: 1½. Modern Languages: 2. Music:

1. Physical Training: 3. Physics: 1. Political Science: ½. Psychology: 1. Public Speaking: 1. Religious Education: 1. Sociology: ½.

Enrolment for year ending June 30, 1926, 510. Enrolment limited to 500; Freshmen class to 175. Total number of matriculates since founding about 24,000.

Degrees conferred year ending June 30, 1926: 67: A.B., 38; S.B., 29. Total number of degrees conferred since foundation, 1,960.

Fees: Tuition, $175. Student activity fee, $14. Room and board, $310. Matriculation fee, $5. Graduation fee, $5. Laboratory fees, $4 to $20.

Scholarships representing income from about $12,000.

Sixty per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: First semester: September 12, 1927; January 27, 1928. Second semester: February 1; June 11, 1928.

Summer session, 1926, June 16 to August 14. Eleven departments offered 42 courses. Attendance, 1925, 175.

Catalog in February.

Achievements of year ending June 30, 1926: In campaign to raise $2,000,000, $955,000 subscribed on August 1, 1926. Of $2,000,000, $1,500,000 is for endowment, $500,000 for buildings.

Administrative officers: President, William Henry McMaster, D.D.; Dean, John Brady Bowman; Dean of Women, Sarah C. Stevenson.

MUHLENBERG COLLEGE

ALLENTOWN, PENNSYLVANIA

College for men; Lutheran.

Institution originally called Allentown Seminary. Chartered in 1864 as Allentown Collegiate Institute and Military Academy. In 1867 renamed Muhlenberg College. Under control of Evangelical Lutheran Ministerium of Pennsylvania and adjacent States.

Board of 30 trustees elected by Ministerium of Lutheran Church of Pennsylvania.

Endowment: $775,981. Income from endowment, $46,778. Income from other sources, $141,100. Students and Synod, $15,000. Total annual expenditures year ending June 30, 1926, $183,450. Budget, 1926–27, $184,000. Gifts of $184,669 received in campaign for $1,000,000. Gift from Saeger Estate, $50,000 (1926–27).

Grounds and buildings: Total value of grounds (72 acres), $500,000. Total present worth of 8 buildings, $808,884. Total value of grounds, buildings and equipment, $1,898,255.

Library, 40,300 volumes, including 3,000 government documents. Building ($300,000) under construction.

Laboratories: Science Building (1926), cost $400,000. Scientific equipment, $75,000.

Physical education required of all students.

Admission requirements: 15 units, 10½ of which are prescribed according to course to be pursued. Not more than one condition allowed; must be removed within one year.

Degree requirements: 136 semester hours, including 16 semester hours in Religion and Ethics. 120 quality points. Prescribed courses: For A.B., 2 years of College Latin and 2 years of College Greek required. B.S. curriculum established in 1899; Ph.B. in 1917.

Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 1, 0. Education: 1, 0, 1. English: 2, 0, 1. French and Spanish: 1, 0, 1. Geology: 1, 0, 0. German: 2, 0, 0. Greek: 1, 0, 0. History and Political Science: 1, 1, 0. Latin: 1, 0, 0. Mathematics and Physics: 2, 0, 1. Music: 1, 0, 0. Philosophy: 1, 0, 0. Physical Education: 1, 0, 0. Religion: 2, 0, 0. Sociology and Economics: 1, 0, 0.

Degrees conferred year ending June 30, 1926, 99. Total number of degrees conferred since foundation, 1,300.

Fees: Tuition, $250; matriculation, $10; graduation, $10; laboratory, $10–$20; student activity, $20; board, $6 a week; room, $60–$100. Annual expenses: Liberal, $625; low, $540.

Scholarships and fellowships: 75; $50–$100 each.

Dates of beginning and ending sessions: September 12, 1927; June 5, 1928.

Summer session: July 5; August 13, 1927. Attendance, 1925, 362.

University Extension: 1,103: Men, 349; women, 754.

Catalog in April.

Bibliographical references: S. E. Ochsenford, "History of Muhlenberg College" (1867–1892).

Administrative officers: President, John A. W. Haas, D.D.; Dean, George T. Ettinger; Director of Extension School, Isaac M. Wright; Registrar, Oscar F. Bernheim.

THE MUNICIPAL UNIVERSITY OF AKRON

AKRON, OHIO

Municipal university supported by taxation. Non-sectarian. Comprising Buchtel College of Liberal Arts, College of Engineering and Commerce, School of Home Economics, Teacher's College.

The nucleus for the Municipal University of Akron, which began its official existence on January 1, 1914, was Buchtel College, founded under joint auspices of an Akron citizen, John R. Buchtel, and of the Ohio Universalist Convention, in the year 1870. By an ordinance of the Akron City Council, passed on August 25, 1913, the Municipal University of Akron was created. This ordinance accepted in behalf of the city the offer of the Trustees of Buchtel College to give to the city the entire plant and endowment of the college as the nucleus of a municipal university.

A Municipal University under statutes of Ohio, managed by a Board of 9 Directors, appointed by the Mayor in groups of three, each to serve for a term of six years.

Financial resources: Endowment, $70,000. Of income 70 per cent is from municipal taxes; balance from student fees and miscellaneous. Income, 1926: Taxes, $171,658.90. Student fees, $88,789.48. Other sources, $8,571.03. Total expenditures for 1926 paid from General University Fund and interest, $270,170.12. Additional salaries in Teachers College paid by Board of Education, $24,660.

Total value of grounds (6 acres), 9 buildings and equipment about $960,000.

Bierce Library in Carl F. Kolbe Hall (1916), 23,000 volumes; 10,200 pamphlets.

Laboratories: Knight Chemical Laboratory; Olin Hall: Physics and Biology; Engineering Building. Scientific apparatus valued at $106,000.

Health program: Physical and medical examination of all entering students. Combined course in military and physical training for men required during first two years. Physical training required of women during first year. Candidates for A.B. required to take course in Human Biology. Gymnasium. Athletic field. Stadium (8,000).

Admission requirements: 15 units, including English, Mathematics, Foreign Language, Science, History, Civics, Economics and Sociology. An average of 83 per cent in work taken by student during last two years in the high school is required for admission on certificate. One unit of deficient entrance work is allowed, but must be removed during the freshman year.

Degree requirements: In Buchtel College of Liberal Arts: Four-year courses of study are offered leading to the degrees of A.B. and B.S., 128 semester hours. College of Engineering and Commerce: Degrees of Civil Engineer, Mechanical Engineer, Electrical Engineer, B.S. in Commerce and Administration, and B.S. in Secretarial Science. Prescribed course. Curricula given on cooperative basis, practical work being done in local industrial and business organizations. Five years of eleven months each required to complete the course. Curtis School of Home Economics: Four-year course leading to degree of B.S. in Home Economics. Teachers College, organized under joint management of Akron Board of Education and Directors of the University, confers B. of Ed., M.A. in Ed., M.S. in Ed., and M.Ed. No student is allowed credit toward graduation for more than 32 hours of D (70–76 per cent) grade, in Buchtel College of Liberal Arts, Teachers College and the School of Home Economics.

Attendance required at weekly assembly.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant*

Professors, 1; *Instructors*, 1. Chemistry: 1, 0, 2, 3. Economics and Sociology: 1, 0, 0, 0. English: 2, 0, 0, 5. Greek and Latin: 1, 0, 0, 0. History: 1, 0, 1, 0. Home Economics: 1, 0, 0, 1. Mathematics: 2, 0, 0, 2. Military Science: *Captain* 1, *First Lieutenants* 2, *Master Sergeant* 1. Modern Languages: 1, 0, 1, 3. Music: 1, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 2, 3. Physics: 1, 0, 0, 1. Political Science: 1, 0, 1, 0. College of Engineering and Commerce: *Professors* 8, *Assistant Professors* 4, *Instructors* 12. Teachers College: 10, 0, 31.

Enrolment for year ending June 15, 1926: 1,149: Men, 715; women, 434. Buchtel College of Liberal Arts, 521: Men, 324; women, 197. College of Engineering and Commerce: 353: Men, 334; women, 19. Curtis School of Home Economics: Women, 36. Teachers College: 240: Men, 58; women, 182. Total enrolment for the year including Evening session, Summer session, and other Extension classes, excluding duplicates, 2,438.

Degrees conferred June 15, 1926: 138: Men, 65; women, 73. Buchtel College of Liberal Arts: A.B.: Men, 20; women, 19. B.S.: Men, 12; women, 2. M.S.: Men, 2. Curtis School of Home Economics: B.S. in Home Economics: Women, 8. College of Engineering and Commerce: C.E.: Men, 7. Industrial Engineering: Men, 4. B.S. in Commerce and Administration: Men, 6; women, 1. Teachers College: B.Ed.: Men, 4; women, 36. M.A. in Ed.: Men, 4; women 6. M.S. in Ed.: Men, 4; women, 1. M.Ed.: Men, 2. Degrees conferred since foundation, 1,151.

Fees: Tuition free to citizens of Akron. Others pay a tuition fee of $145 a year in College of Engineering and Commerce; $180 a year in all other schools. All students pay a maintenance fee of $50 a year and a student activity fee of $12.50. Laboratory fees, $2.50 to $4 a course a semester. Most of the students live at home in the city. Board and room can be secured for $8 to $10 a week.

Fellowships: In Department of Chemistry, one fellowship established by Goodyear Tire and Rubber Company and one by Firestone Tire and Rubber Company, for study of Chemistry of India-rubber; $1,000 a year each, with remission of all university fees. In Teachers College 3 teaching fellowships; each remits tuition fee and pays $320; holder required to teach one class each semester.

Bureau of Student Employment.

Dates of beginning and ending sessions: First term, 15th of September; second, first week in February. Commencement, Tuesday preceding the last Sunday in June. Length of the University year: 36 weeks.

Summer session: June 25 to July 18, 1928. Attendance, 1925, 325.

Evening session: Evening session offers to teachers and others employed during the day opportunity to secure college work, for which credit is given on same basis as for day session. Attendance for 1925–26, 1,156.

Publications: Annual catalog in May. Bulletins. The President's and Clerk's report in March.

Achievements of year ending June 30, 1926: Establishment of courses in Sociology and Secretarial Science.

Administrative officers: President, George Frederick Zook; Registrar, Gladys P. Weeks; Dean of the College of Liberal Arts, A. I. Spanton; Dean of the College of Engineering and Commerce, F. E. Ayer; Dean of Women, Mrs. Elizabeth A. Thompson; Dean of the Teachers College, W. J. Bankes; Director of Evening Session, H. E. Simmons; Director of Curtis School of Home Economics, Sarah E. Stimmel.

THE MUNICIPAL UNIVERSITY OF WICHITA

WICHITA, KANSAS

A Coeducational Municipal University comprising Colleges of Liberal Arts, Fine Arts, Education, and Commerce and Engineering; controlled by the Municipality of Wichita.

Founded as Fairmount College in 1896; in 1926 taken over by the popular vote of the citizens of Wichita and renamed the Municipal University of Wichita. The referendum carried with it the obligation of the city for adequate support.

Controlled by a Board of Regents of 9 members, one being elected each year by

the City Commission and each year by the Board of Education, each to serve for a period of 4 years, with the Mayor of the City ex officio.

Supported by public taxation of the City of Wichita, the Board of Regents having the right to levy the necessary tax up to, but not exceeding, two mills on the taxable property of the city. Additional support comes from endowments and from student fees and tuition.

Campus of 80 acres.

Library (1907), 40,000 volumes.

Laboratories in Chemistry, Physics, Biology, Geology, Domestic Science and Psychology.

Gymnasium and athletic fields; physical examination required.

Admission requirement: 15 units. Not more than one unit of condition allowed; must be removed within first year.

Degree requirements: 120 semester hours, 60 per cent of which must be C grade or better.

Physical education required of Freshmen and Sophomores.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Business Administration: 1, 0, 1, 1. Chemistry: 1, 1, 0, 0. Classical Languages and German: 1, 0, 0, 0. Economics: 1, 0, 0, 0. English: 1, 0, 2, 3. French: 0, 1, 0, 1. Political Science: 1, 0, 0, 0. Geology: 1, 0, 0, 0. History: 1, 0, 1, 0. Home Economics: 1, 0, 0, 1. Mathematics: 1, 0, 1, 0. Military Science: 1, 0, 1, 0. Physical Education: 0, 0, 0, 3. Physics: 1, 0, 0, 0. Psychology: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Spanish: 1, 0, 0, 0. Speech: 1, 1, 0, 0. Education: 1, 0, 0, 1. Art: 1, 0, 0, 0. Music: 3, 0, 0, 7.

Enrolment for year ending June 30, 1926: 569. Liberal Arts, 489: Men, 283; women, 206. Commerce and Engineering, 41: Men, 37; women, 4. Fine Arts, 28: Men, 2; women, 26. Education, 11; Men, 1; women, 10.

Fees: Tuition for residents of the City of Wichita, $37.50 a semester; for non-residents, $75 a semester.

Six scholarships in Liberal Arts; one in each department of Music; 15 student assistantships available in various departments for high-grade upper classmen.

For year ending June 30, 1926, 85 per cent of the men students and 56 per cent of the women students were earning their own way, either in whole or part work.

Dates of beginning and ending sessions: First semester: September 12, 1927; second semester begins January 31, 1928.

Summer session: Two summer sessions: June 8 and August 4; 8 weeks and 4 weeks. Attendance, 1926, 175.

Extension classes for adults, afternoon and evening sessions, carried on in Wichita and neighboring towns.

Publications: Catalog in March. University bulletin monthly.

Administrative officers: President, John D. Finlayson; Dean of Liberal Arts, W. H. Mikesell; Fine Arts, Thurlow Lieurance; Education, O. L. Troxel; Business Administration and Engineering, Frank A. Neff; Registrar, Lambertus Hekhuis; Officer in charge of foreign students, The Registrar.

THE MUSKINGUM COLLEGE

NEW CONCORD, OHIO

Coeducational. College of Liberal Arts with Conservatory of Music. Under direction of the United Presbyterian Synod of Ohio.

Charter granted March 18, 1837, by State of Ohio. For many years a local institution governed by a local Board of Trustees. In 1877 it came under the direction of the United Presbyterian Presbyteries of Muskingum and Mansfield. In 1888 it was taken under the direction and control of the U. P. Synod of Ohio.

Board of 27 Trustees, 9 nominated by the Alumni and all elected by Synod of Ohio.

Endowment: $569,992. Endowment income, $30,530. Income other sources, $167,220. Expenditures, $174,292. Budget, 1926–27, $183,000. Alumni Campaign secured $145,000.

Grounds and buildings: Total value of grounds (102 acres), $236,442. Total present worth of buildings, $758,207. Total value of grounds, buildings and equipment, $1,157,138. One residence hall for women (160).

Library (1849), 14,000 volumes; 130 current periodicals.

Laboratories: Two buildings (1899; 1912) valued at $100,000. Equipment: Chemistry, $5,500; Biology, $4,750; Physics, $7,500; Geology, $3,500; Home Economics, $1,250.

Health program: Physical examination of entering students. College doctor teaches a course in Physiology and the Dean of Women, who is also a physician, teaches a course in personal hygiene. Infirmary for women. Women's gymnasium (1899); men's (1918). Athletic field. Stadium (1924).

Admission requirements: 15 units, including English 3, Mathematics 2, Foreign Language 2, History 1, Science 1. No conditions permitted.

Degree requirements: 120 semester hours. No more than 40 semester hours of work grade "D" accepted for graduation. Not more than 35 semester hours permitted in any one department. Following courses prescribed: 4 hours in Bible; 9 hours English; 4-year credit in Foreign Language (at least one year must be college credit); 6 hours Philosophy or Psychology; 9 hours Social Science (not more than 6 hours in any one department); 6 hours either Science or Mathematics; 2 years Physical Education (not included in the 120 hours). Thesis.

General requirements: Chapel attendance required. 2 years Physical Education; credit not counted toward graduation.

Departments and Staff: Agriculture: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Bible: 2, 0, 0, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 1, 0, 0. Classical Language: 1, 0, 0, 0. Economics: 1, 0, 1, 0. Education: 1, 2, 2, 2. English: 1, 1, 1, 1. Geology: 1, 0, 0, 1. History: 2, 0, 0, 0. Home Economics: 0, 1, 0, 1. Mathematics and Astronomy: 1, 0, 0, 0. Modern Language: 1, 0, 1, 4. Philosophy: 1, 0, 0, 0. Physical Education: 3, 0, 0, 0. Physics: 1, 0, 0, 0. Physiology: 1, 0, 0, 0. Political Science: 1, 0, 0, 0. Psychology: 1, 0, 0, 1. Public Speaking: 1, 1, 0, 2.

Enrolment for year ending June 30, 1926: College, 885; Summer school, 1,046; Extension, 141.

Degrees conferred year ending June 30, 1926: A.B., 119; B.S., 10; B.S. in Ed., 23; B. of Music, 3. Total number of degrees conferred since foundation, 1,876.

Fees: Annual tuition, $140; graduation, $6; laboratory, $4 to $6. Charge for lodging and board, $7 a week. Annual expenses, including living expenses: Liberal, $443; low, $369.

Scholarships: 25 of $140 each.

Employment Bureau and Appointments office: 40 per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 12, 1927; June 6, 1928.

Summer session: June 14 to August 28, 1926; 24 departments offered 150 courses. Attendance, 1925, 1,046.

University Extension: 14 college courses. Enrolment, 250.

Achievements of year ending June 30, 1926: In a campaign begun November 2, 1925, for $500,000 additional endowment, the Alumni had secured $120,000 by June 30, 1926. Additional gifts amounted to $61,000.

Administrative officers: President, J. Knox Montgomery, D.D.; Dean, J. S. Cleland.

NEBRASKA, UNIVERSITY OF

See: University of Nebraska.

NEBRASKA WESLEYAN UNIVERSITY

UNIVERSITY PLACE, LINCOLN, NEBRASKA

College of Liberal Arts, Teachers' College and School of Fine Arts. Coeducational. Methodist Episcopal.

Chartered in 1887, as culmination of plan to unite numerous small Methodist colleges into one central college at Lincoln, Nebraska.

Board of 42 trustees; 22 elected by Nebraska Annual Conference, 16 elected at large by Board of Trustees, 4 elected by Alumni Association.

Endowment: $850,000. Income from endowment, $45,000. Income from other sources, $120,791. Total expenditures for year ending June 30, 1926, $166,791.

Total value of grounds (44 acres), $115,-

000. Total value of grounds, buildings and equipment, $538,099.

Library, 19,468 volumes, including 500 government documents; 249 current periodicals.

Laboratories: Three builings in whole or part devoted to laboratories. Value of equipment in principal departments: Physics, $9,000; Chemistry, $11,000; Biology, $11,000; Geology, $1,000; Psychology, $1,000.

Health program: Two years of physical education required. Medical examinations and opportunities for consultation with physician. Physical program adjusted to needs.

Admission requirements: 12 units from 10–11–12 grades (senior high school), including one major of 3 units, and two minors of 2 units each, from English, Foreign Language, and Mathematics.

Degree requirements: 125 semester hours; 100 honor points. Prescribed: English 10 hours, Foreign Language 8, Laboratory Science 4, Psychology 4, Physical Education 5. Group requirements: Social Science 3, Physical Science 3, Biological Science 3, Bible and Philosophy 6. Major, 25 hours; minor, 15 hours.

Chapel attendance required.

Departments and Staff: Art: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 2, 1, 0. Chemistry: 1, 1, 0. Economics-Sociology and Business Administration: 1, 2, 1. Education: 3, 0, 0. English: 3, 2, 1. Geography and Geology: 1, 0, 0. Greek: 1, 0, 0. History: 1, 0, 0. Languages: 1, 1, 2. Manual Training: 0, 0, 1. Mathematics: 2, 0, 1. Philosophy: 1, 0, 0. Physical Education: 3, 0, 3. Physics: 1, 0, 0. Psychology: 1, 1, 0. Public Speaking: 1, 0, 0. Religious Education: 1, 0, 0.

Enrolment for year ending June 30, 1926, 669.

Degrees conferred year ending June 30, 1926, 77. Total number of degrees conferred since foundation, 1,447.

Fees: Tuition, $120 a year; graduation, $5; laboratory, $4 to $9 a semester. Lowest estimated annual expense, $450; liberal, $800.

Dates of beginning and ending sessions: September 12, 1927–January 27, 1928; January 30–June 1, 1928.

Summer session: June 4–August 24, 1928. Fourteen departments offered 57 courses in 1926. Attendance, 1925, 326.

Catalog in April.

Administrative officers: Chancellor, I. B. Schreckengast; Dean of Liberal Arts College, F. A. Alabaster; Dean of Teachers' College, B. E. McProud; Dean of School of Fine Arts, Parvin Witte; Dean of Women, Mrs. M. E. Gilbert.

NEVADA, UNIVERSITY OF

See: University of Nevada.

NEWCOMB COLLEGE

NEW ORLEANS, LOUISIANA

Name for bequest: The H. Sophie Newcomb Memorial for Women.

College for women. Funds administered by the Board of Administrators of Tulane University. College is Christian but not denominational.

Founded by Mrs. Josephine L. Newcomb as a memorial for her daughter, Harriot Sophie Newcomb, in 1886. Organized in October, 1887.

College of Arts and Sciences, a School of Art and a School of Music.

Endowment, approximately $2,500,000. Income from endowment approximately $127,000. Income from student fees and miscellaneous sources, $118,000.

Grounds and buildings: Grounds of the college occupy about 10 squares. Twelve buildings valued at approximately $1,186,000.

Admission requirements: Graduation from the 4-year course of an accredited secondary school with not less than 15 acceptable units. Applicant must be not less than 16 years of age. 15 units, including English 3, Algebra 1½, Plane Geometry 1, Foreign Language 2. No conditions allowed. Students desiring courses leading to B.A. or B.S. degrees must have not less than 3 units in a language, 2 in a second language. Student may substitute History for the second language provided that the course leading to

the Bachelor degree include the maximum amount of language study for the required degree.

Degree requirements: 60 college hours (120 semester hours). A definite proportion of grades earned must be above minimum passing grade. Major subject. Minor subject. Physical education including swimming required.

Departments and Staff: Art (School): *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 3; *Instructors*, 2. Biblical Literature: 0, 0, 1, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 2, 1. Classical Language: 1, 0, 2, 0. Economics: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 2, 0, 2, 2. French: 0, 1, 0, 3. Geology: 0, 0, 1, 0. German: 0, 0, 1, 0. History and Political Science: 1, 0, 1, 2. Library Instruction: 0, 0, 0, 1. Mathematics: 1, 0, 2, 0. Music (School): 2, 0, 0, 2. Philosophy: 0, 0, 1, 0. Physical Education and Hygiene: 1, 0, 0, 3. Physics and Astronomy: 1, 0, 1, 1. Psychology: 1, 0, 1, 0. Sociology: 1, 0, 2, 1. Spanish: 1, 0, 0, 2.

Enrolment March 15, 1926, 705.

Degrees conferred for year ending June 30, 1926: 94: A.B., 77; B.S., 3; B. Design, 9; B. Mus., 5.

Fees: Tuition, for year, $165. Registration fee, $10. Student fee, $5. Gymnasium fee, $10. Laboratory fee in Biological Science, Chemistry or Physics, $15. Students in college dormitory pay for board and lodging, $350; for laundry, $40; for infirmary, $10. Average expenses should not exceed $650.

Registration for college year begins on Monday, September 20 (third Monday in September), and college year closes on June 8, 1927 (second Wednesday in June).

Catalog in April.

Administrative officers: President of the University, A. B. Dinwiddie; Dean of Newcomb College, Pierce Butler; Registrar, Florence Marie Fouert; Counselor of Women, Anna Many; Director of the School of Art, Ellsworth Woodward; Director of the School of Music, Leon Maxwell.

NEW HAMPSHIRE, UNIVERSITY OF

See University of New Hampshire.

THE NEW MEXICO COLLEGE OF AGRICULTURE AND MECHANIC ARTS

STATE COLLEGE, NEW MEXICO

(Telegraph address: Las Cruces, New Mexico)

Name for bequests: The Regents of the Agricultural College of New Mexico to be used solely and exclusively for the New Mexico College of Agriculture and Mechanic Arts.

State College. Technological. For men and women.

Established February 28, 1889, by 28th legislative assembly of New Mexico in accordance with an act of Congress approved July 2, 1862. The Territory of New Mexico accepted Congressional appropriation by act of February 26, 1891.

Board of 5 regents appointed by the Governor by and with the advice and consent of the Senate for a term of four years, and not more than three of whom may belong to the same political party at the time of their appointment.

Amount of endowment bonds: $115,000. Amount of 1862 land-grant fund, value of unsold land, $404,130.42. Income from endowment, $32,505.14. Income, State appropriation, $55,000. Income, federal appropriation, $50,000. Miscellaneous income, $54,000. Total annual expenditures, 1926, $180,000.

Area of campus proper, 20 acres. Buildings, $350,000. Furniture and fixtures, $50,000. Scientific apparatus, $75,000. Tools and machinery, $30,000. Live stock, $30,000. Supplies, $24,160.

Library (1913), 27,600 volumes, including 2,600 government documents; 150 current periodicals.

Most of the 9 laboratories are in Science Hall (1897).

Museum in Science Hall. Wooten Stanley herbarium. United States geological collection of rocks, fossils, and casts. Cockrell collection of insects. Fannie Ford collection of birds and mammals of the Southwest.

Health program: Physical examinations for men and women. Physical education for women and military science for men during

Freshman and Sophomore years. Gymnasium (1911) cost $25,000. Athletic field. College hospital.

Admission requirements: 15 units, including English 3, History 1, Algebra 1, Plane Geometry 1, Science 1, Foreign Languages 2. Remaining units may be selected from the following: English 1, Foreign Languages 2, Mathematics 1, Science 2, History 2, Civil Government ½, Agriculture 2, Home Economics 2, Commercial 2, Manual Training 2. One unit of condition allowed, which must be removed before end of Freshman year.

Degree requirements: 144 semester hours required in Agriculture, Engineering and Home Economics; 132 in general Science; 124 in Business Administration. As many units of credit must be obtained with grade above "C" (average) as were received with grade below "C." Agriculture, Engineering, Home Economics and Business Administration follow courses largely or entirely prescribed. General Science partly prescribed but requires 36 semester hours in major department. Thesis optional.

Weekly assembly required.

Departments and Staff: Agricultural Economics: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Agricultural Education: 1, 0, 0, 0. Agricultural Engineering: 1, 0, 0, 1. Agronomy: 1, 0, 2, 0. Animal Husbandry: 1, 0, 2, 0. Biology: 1, 0, 2, 0. Business Administration: 1, 0, 1, 0. Chemistry: 1, 0, 2, 0. Civil Engineering: 1, 0, 0, 0. Dairy Husbandry: 1, 0, 0, 0. Electrical Engineering: 1, 0, 1, 0. English: 1, 0, 2, 0. Geology: 0, 0, 1, 0. History and Economics: 1, 0, 0, 0. Home Economics: 1, 0, 1, 0. Horticulture: 1, 1, 0, 1. Mathematics: 1, 0, 0, 1. Mechanical Engineering: 1, 0, 0, 2. Military Science: 1, 0, 1, 1. Modern Language: 1, 0, 0, 0. Music: 1, 0, 0, 4. Physical Education: 1, 0, 1, 0. Physics: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 369. Matriculates since 1900, 3,700.

Degrees conferred June 30, 1926, 42. Total number of degrees conferred since foundation, 350.

Fees: Tuition, $19 a semester. Matriculation, $5. Graduation, $5. Room, $5 a month for two in a room; board, $22.50 a month. Annual expenses: Liberal, $400 a year; low, $350.

Scholarships: One of $100.

Dates of beginning and ending sessions: September 6, 1927 to June 2, 1928.

Summer session: June 4 to July 27, 1928. 14 departments offered 40 courses in 1926. Attendance, 1925, 77.

Publications: Catalog; biennial President's report. Experiment Station Bulletins: 156 issued in 36 years.

Administrative officers: President, Harry L. Kent; Dean, Ralph W. Goddard; Dean, Alva P. Taylor; Dean, Estelle Hayes; Registrar, Miss Era Hall Rentfrow.

NEW MEXICO, STATE UNIVERSITY OF

See: State University of New Mexico.

NEW ROCHELLE, COLLEGE OF

See: College of New Rochelle.

NEW YORK, COLLEGE OF THE CITY OF

See: College of the City of New York.

NEW YORK UNIVERSITY

NEW YORK CITY, NEW YORK

University; nonsectarian; coeducational; privately controlled by a self-perpetuating Council. It receives no financial support from the State or the City, but derives its income from private endowment, gifts and bequests and fees paid by students.

New York University was chartered by the New York State Legislature, April 18, 1831. Instruction in liberal arts began in 1832, in Clinton Hall, at the corner of Nassau and Beekman Streets. The site of the present main building on Washington Square was acquired in 1833. One of the earliest professorships was that in fine arts, held by Samuel F. B. Morse, who, during the period of his membership in the faculty, accomplished the invention, in the old Washington Square building, of the electric telegraph. The School of Law was founded in 1835 on a plan for legal education drawn by Benjamin F. Butler. In 1895 the Metropolis Law

School was absorbed, as an evening division. Medical College organized in 1839. In 1898 Bellevue Hospital Medical College merged with the older Medical College, the enlarged College occupying quarters in East 26th Street, which has continued to be the Medical center of the University. Courses and degrees in Engineering first given in 1862, though a separate faculty of Engineering was not set up until 1899. At that time, the original "University College" was reorganized into the existing College of Arts and Pure Science, and Engineering. They are now accommodated on the campus at University Heights, which was acquired by purchase and gift, beginning in 1891. In 1886 Graduate School organized; in 1890, School of Education, the first of its kind to be established on the same plane as the professional schools of Law, Medicine, and Theology. In 1899 the University took over two existing Veterinary Schools. The Veterinary College existed until 1922, when lack of funds caused its temporary suspension. Hall of Fame for Great Americans established in 1900. School of Commerce, Accounts, and Finance organized in 1900. A division of the School was set up in the Wall Street district in 1914, and out of the latter has grown (1920) the Graduate School of Business Administration. The School of Retailing, another offspring of the School of Commerce, was created, after a two-year preliminary development, in 1921. In 1903, following removal of "University College" to University Heights, a "collegiate division" was formed at Washington Square. In 1913, it developed into Washington Square College. That College with classes day and evening, has an enrolment of over 5,000 students. In 1925, the University took over the New York College of Dentistry. Other divisions of instruction are the Woman's Law Class (1899); Summer School (1895); Extramural Division (1904); Department of Fine Arts (1922); Department of Music (1923); Institute of Education; (1924); Daniel Guggenheim School of Aeronautics (1925); Paris Summer School of Fine Arts (1926).

Council is a self-perpetuating board of 32 members.

Endowment (June 30, 1926), $3,741,867.92. Income from endowment (1925–1926), $157,465.22. Gifts (1925–1926), $97,412.62. Income from student fees (1925–1926), $3,435,803.04. Total expenditures (1925–1926), $4,167,160.16. Budget appropriations (1926–1927), $4,781,184.76. Gift of $600,000 from Dr. William H. Nichols, an alumnus, for a Chemistry Building at University Heights. In the spring of 1926 a campaign for $73,000,000 for endowment and equipment to be raised by the "Centennial Fund" organization.

Upwards of 45 acres of land in New York City, most of it on University Heights, the remainder consisting of separate parcels of real estate at down-town centers. Three dormitories for men, two at University Heights, one near Washington Square. At Washington Square, a dormitory for music students of the School of Education. Original cost of grounds, $1,509,139.71. Value of buildings owned by the University and used for educational purposes, $4,373,982.22. This does not include anticipated expenditures on buildings now in course of construction involving a separate outlay of about $1,600,000.

Gould Memorial Library at University Heights (1900). In addition, each of the other centers of the University is equipped with special libraries. Total number of volumes, 230,413; government documents included in foregoing, 10,000 (estimated); 1,200 current periodicals. Special collections: Ottendorfer Library of Germanic Literature; Johnston and Shepard collections of the School of Law; and Jenks Library of Oriental Commerce and Economics.

Laboratories (buildings only): At University Heights: Havemeyer Chemical Laboratory (1894, 1913), $93,197.71; Butler Hall (1896), Physics Laboratory, $25,000; Green Biological Laboratory (1904, 1915), $22,839.03; Sage Engineering Research Laboratory (1921), $289,764.02. At Washington Square: Laboratories for Chemistry, Physics, and Biology (1922–1925), $300,000. At Medical center: Carnegie Laboratory (1910), $145,247.36; Dental laboratories (including land), $203,630.54. Total value of labora-

tory buildings, $1,079,678.66. These figures do not include laboratories now in course of construction, representing an investment of over $800,000. Total value of equipment in all departments of instruction, as of June 30, 1923, amounted to $736,768.79. Additional expenditures for equipment since June 30, 1923, are reckoned at $615,604.77.

The Hall of Fame for Great Americans comparable to a museum. Other buildings employed in part for museum purposes; reading room of the Gould Memorial Library; Department of Classics, in Graduate Hall; Sage Engineering Laboratory, etc.

Three University physicians are regularly retained for the medical examination of all entering undergraduates. Physical training included in the curricula of these colleges; system of intramural sports maintained. Gymnasium at University Heights; another at Washington Square. At University Heights, two athletic fields. Infantry, aeronautical, and medical units of Reserve Officers Training Corps. The School of Education has a department for the training of teachers of physical education.

Admission requirements: *University College of Arts and Pure Science:* Not open to women. Applicants selected on basis of high school record and such personnel and intelligence tests as may be required. Testimonials of good moral character. 15 units, including: (A) Engligh 3, Latin 4, Greek 3 or French 2, or German 2 or Spanish 2 or Italian 2, Algebra 1½, Plane Geometry 1. (B) English 3, History 1, Algebra 1½, Plane Geometry 1, Foreign Language 3 of one language, or 2 in each of two, Science 2. Certificate of an approved school, the College Entrance Examination Board, the Regents of the University of the State of New York, or satisfaction of the entrance examinations held at the college. *School of Commerce, Accounts and Finance:* 15 units, including English 3 or 4, Algebra 1, Plane Geometry 1, selective admission requirements, and in some cases entrance examinations in Bookkeeping and English. *College of Dentistry:* Candidates must be 18 years of age by first of June following admission. Women admitted. Dental student qualifying certificate of the State of New York. Completion of 2 years of satisfactory work in an approved College of Liberal Arts and Science, after the completion of an approved 4-year high school course, based upon 8 years of elementary preparation. *School of Education:* For B.S. or B.A. in Education: 15 units, including 3 in English, Elementary Algebra and Plane Geometry, and an average grade of at least 72 per cent. Graduate students must have received a baccalaureate degree from a college or technical school of good standing to be enrolled for the degree of M.A. or Ph.D. *Institute of Education:* Graduates of colleges, degrees from which do not qualify the holder for admission in full standing, may, in the discretion of the Dean, be admitted, with added requirements for obtaining the master's degree. Persons will be admitted to the courses in the Institute of Education (except seminars) as regular students who are engaged in the profession of education, and who submit credentials showing that they have completed the equivalent of at least 2 years of work in an approved college or normal school, following a standard 4-year high school course. Seminars will be open only to college graduates, or to persons of equivalent training. *College of Engineering:* Not open to women. Testimonials of character and certificates. A pledge of loyalty to the Government of the United States is required of all entering students. Personnel and psychological tests. The evening course in Engineering admits all students who satisfy the Director and the Instructors concerned that they are qualified to take the subject. Women students admitted to evening course. *Graduate School of Business Administration:* Coeducational. Graduates of approved colleges and scientific schools who hold the bachelor's degree admitted without examination as regular students and candidates for degree of M.B.A. Graduates of other colleges admitted if their record shows a high grade of scholarship. *School of Law:* Open to men and women. Eighteen years of age, graduates of approved colleges or students who have completed at least 2 years of college work, holders of the law student's certificate, issued by the Regents of the University of the State of New York. Candidate for Juris

Doctor (J.D.), must be either graduate of approved college holding the degree of Bachelor of Arts, Philosophy, Pure Science, or Letters, or a student who has completed 3 years of college work and who has been permitted to count one year of Law work as the fourth year of college work. The requisite bachelor's degree must, in this case, be secured at least two years before the granting of the degree J.D. *Medical College:* For admission to University and Bellevue Hospital Medical College, 72 semester hours of college work, including Chemistry 12 hours, Physics 8, Biology 8, English 6, and a foreign language. Preference is given to those with baccalaureate degree and high scholarship. *School of Retailing:* Day Division: Graduates of approved colleges and scientific schools who have the degree of B.A. or B.S., or its equivalent, admitted without examination as candidates for degree of M.S. in Retailing. Night Division: Regular students must have had a 4-year high school course. Special students must be 21 years of age and have some business experience. *Washington Square College:* Applicants must be at least 16 years of age. Coeducational. Certificate as to good moral character and spirit of service. 15 units of entrance credit: English 3, Mathematics 2, 5 units of Classical Languages, Modern Languages, History, Civics or Economics and Science. An average grade for the 15 units exceeding the passing grade of the secondary school by at least 20 per cent of the difference between the passing grade and 100 per cent required. Admission by certificates of an approved secondary school, of the College Entrance Examination Board or by entrance examinations at New York University in January and August of each year. *Department of Fine Arts:* Coeducational. Requirements are those of Washington Square College.

Degree requirements: *University College of Arts and Pure Sciences:* For degrees of B.A., B.S. in Pure Science, B.S. in Commerce, or B.S. in Chemistry: Average grade of C in Major and not more than 40 hours of D in the 126 credits required for graduation. Thesis. *School of Commerce, Accounts and Finance:* For B.C.S.: 72 credit points (18 a year for 4 years or 32 a year for 3 years) with average grade of not less than 75 per cent. At least 3 years' successful business experience. For M.C.S.: B.C.S. or equivalent and 12 points of advanced work with grade of at least 85 per cent and thesis. *College of Dentistry:* For D.D.S.: Four years prescribed dental work. *School of Education:* For B.A. or B.S. in Education: 128 points of credit. Major subject and certain group requirements. *Institute of Education:* For B.A. and B.S. in Education: 128 points. Major and group requirements. For M.A.: 24 points and a thesis. For Ph.D.: 48 points of graduate work. Reading knowledge of two foreign languages, or one modern language and statistical ability. Thesis. *College of Engineering:* For B.S. in Chemical Engineering, Electrical Engineering, Civil Engineering, Mechanical Engineering or Industrial Engineering: Four years prescribed course. For C.E., M.E., E.E., Chem.E. and Ind.E.: Two years of practice subsequent to graduation and thesis. *Graduate School:* For M.A. and M.S.: Completion of 5 or more full courses in one department chosen from certain groups. For Ph.D.: Three years graduate study (final year in residence at New York University). For M.B.A.: One year of residence (not less than 20 points) in Graduate School of Business Administration. 48 points with minimum grade of 75 per cent. Report. For D.C.S.: Three years of graduate work with minimum of 5 courses a year. Major field of study. Thesis. *School of Law:* For LL.B.: Three years of prescribed courses. For J.D.: Baccalaureate degree received two years prior to entrance upon law course, and three years prescribed work in law school. For LL.M.: LL.B., and one year's advanced study of 12 hours a week. For J.S.D.: Candidates must have J.D. or LL.B., and pursue advanced study of one year. *Medical College:* For M.D.: Four years prescribed work. For D.P.H.: Candidates must have M.D. and pursue advanced work 8 months first year and do original work and prepare thesis second year. *School of Retailing:* For M.S. in Retailing: 40 points of work, 8 months actual work in stores, minimum of one year's work in School of Retailing. Thesis. *Washington*

Square College: For B.A. and B.S.: 128 points of credit, grade of not less than C. Certain prescribed courses.

General requirements: In the Colleges of Arts and Engineering, military instruction required of all Freshmen and Sophomores. Chapel attendance required except for those who elect to substitute essays on morals or religion.

Departments and Staff: Accounting: *Professors*, 3; *Associate Professors*, 1; *Assistant Professors*, 2; *Instructors*, 36. Advertising and Marketing: 6, 0, 2, 1. Aeronautical Engineering: 1, 0, 0, 2. Anatomy: 1, 1, 3, 4. Art Education: 1, 0, 0, 0. Bacteriology: 1, 1, 3, 11. Banking and Finance: 2, 1, 3, 9. Biology: 1, 2, 7, 16. Business English: 2, 1, 5, 2. Chemistry: 6, 2, 7, 12. Chemical Engineering: 0, 0, 1, 0. Civil Engineering: 1, 1, 1, 0. Classics: 2, 0, 3, 3. Clinical Pathology: 1, 0, 0, 1. Commercial Education: 0, 1, 0, 5. Commercial Law: 1, 0, 2, 10. Dentistry: 5, 1, 4, 42. Economics: 6, 4, 2, 11. Education: 6, 2, 2, 5. Educational Administration: 1, 0, 0, 0. Educational Psychology: 1, 0, 3, 2. Educational Sociology: 1, 0, 0, 4. Elementary Education: 1, 0, 0, 1. Electrical Engineering: 1, 1, 0, 1. Engineering: 2, 3, 4, 1. English: 4, 4, 7, 29. Experimental Engineering: 1, 0, 0, 0. Fine Arts: 4, 1, 2, 0. Geography and Geology: 2, 2, 2, 3. German: 3, 0, 3, 10. Gynecology: 1, 0, 0, 5. Government and Politics: 0, 1, 3, 6. History: 6, 1, 5, 12. Industrial Engineering: 2, 0, 0, 1. Insurance: 1, 0, 1, 1. Journalism: 2, 0, 2, 2. Law: 10, 0, 4, 12. Management: 1, 0, 2, 4. Mathematics: 3, 1, 3, 11. Mechanical Engineering: 2, 0, 1, 1. Medicine: 9, 0, 3, 39. Military Science and Tactics: 2, 0, 2, 0. Music Education: 2, 0, 5, 8. Normal School Education: 1, 0, 1, 0. Obstetrics: 1, 1, 0, 3. Pathology: 1, 0, 1, 5. Pharmacology: 1, 1, 1, 1. Physical Education: 1, 2, 1, 4. Physics: 1, 2, 5, 13. Philosophy: 1, 0, 1, 3. Physiology: 1, 2, 1, 3. Psychology: 2, 0, 2, 3. Retailing: 1, 1, 1, 1. Roentgenology: 1, 0, 0, 2. Romance Languages: 2, 4, 6, 17. Secondary Education: 1, 0, 0, 1. Sociology: 2, 1, 0, 0. Surgery: 5, 1, 0, 20. Therapeutics: 1, 0, 0, 1. Trade and Industry: 1, 1, 0, 0. Vocational Education: 0, 1, 0, 0. Total officers of instruction: 958. Net total membership of faculties, including summer school and extra-mural sections, for the year 1925–26 was 1,170. See also Chapter VI.

Enrolment for year ending June 30, 1926: College of Arts and Pure Science: Men, 873. School of Business Administration: 440: Men, 415; women, 25. School of Commerce, Accounts and Finance (Washington Square) 6,341: Men, 5,321; women, 1,020. School of Commerce, Accounts and Finance (Wall Street Division): 2,742: Men, 2,461; women, 281. College of Dentistry: 601: Men, 594; women, 7. School of Education: 1,830: Men, 556; women, 1,274. College of Engineering: Men, 420. Graduate School: 293: Men, 209; women, 84. School of Law: 2,035: Men, 1,833; women, 202. University and Bellevue Hospital Medical College: 440: Men, 421; women, 19. School of Retailing: 908: Men, 684; women, 224. Washington Square College: 5,066: Men, 3,217; women, 1,849. Total registration for degree-conferring schools and colleges: 21,989: Men: 17,004; women, 4,985. Extra-mural Division: 3,364: Men, 2,162; women, 1,202. Department of Fine Arts: 1,048: Men, 523; women, 525. Institute of Education: 2,627: Men, 293; women, 2,334. Life Insurance Training Course: 201: Men, 176; women, 25. Public Health Courses: 44: Men, 17; women, 27. Summer School: 3,637: Men, 2,098; women, 1,539. Total registration for non-degree conferring schools and colleges: 10,921: Men, 5,269; women, 5,652. Net University registration (less duplicates): 27,966: Men, 18,939; women, 9,027.

Degrees conferred during the year ending June 30, 1926: 1,931: B.A., 62; B.Ed., 7; B.S., 273; B.S. in Chem., 4; B.S. in Com., 24; B.S. in Chem.E., 4; B.S. in C.E., 10; B.S. in E.E., 7; B.S. in Ind.Eng., 10; B.S. in M.E., 14; B.S. in Ed., 65; B.C.S., 691; LL.B., 317; J. D., 63; C.E., 1; E.E., 4; M.E., 8; M.A., 54; M.S., 16; M.S. in Retailing, 7; M.B.A., 20; M.C.S., 11; LL.M., 22; D.J.S., 3; M.D., 88; D.D.S., 106; Ph.D., 31. Honorary degrees: M.L., 1; D.C.S., 1; D.F.A., 1; D.L., 1; D.Sc., 1; LL.D., 2; D.D., 1. Total number of degrees conferred, 26,000.

Fees: Matriculation fee ($5) is abolished in University College and the College of Engineering; a university fee of $6 a term ($12

a year) in all other schools. Tuition: University College, $300; Dentistry, $400; Law, $180; Engineering, $300; Medicine, $448; in all other schools $8 a point (one recitation hour a week a term). Incidental fee in University College and College of Engineering, $22.50; in School of Commerce, Accounts and Finance and Washington Square College, $19.50; Medicine, $15. Examination or Diploma fee: Dentistry, $25; Graduate School of Business and School of Commerce, Accounts and Finance, $10; all others, $20. The following is an estimate of student expenses at the two principal centers of the University. $200 should be added to these estimates in the case of Medical students: University Heights, $827.50 to $1,097.50; Tuition, $300 (year); University, $5; laboratory, $20–$50; other, $22.50; room, $120–$360; board, $360. Washington Square: $806.50 to $1,134.50; tuition, $256 (32 points); university, $12; laboratory, $20–$60; other, $14.50; room and board, $504–$792.

Scholarships and fellowships: Ten tuition scholarships available yearly for Latin-American students in any department of University except Law or Medicine. *University College of Arts and Pure Science:* 15 high school prize scholarships of $300 each. 12 other scholarship funds. *School of Commerce Accounts and Finance:* 3 scholarship funds. *School of Education:* 5 scholarship funds. *College of Engineering:* 6 scholarship funds. *Graduate School:* 11 scholarship funds. *School of Law:* No scholarships offered to entering students. 5 funds for students after first year. *Medical College:* 3 scholarship funds. *Washington Square College:* 10 secondary school prize scholarships of $260 each. 1 scholarship in Marine Biology. *Woman's Law Class:* 12 whole and 20 half scholarships for women. 2 fellowships in *College of Arts and Pure Science;* 4 in *School of Education;* 2 in *College of Engineering.* Small number of teaching fellowships in *Graduate School.* 4 other fellowships. *School of Business Administration* has limited number of fellowships. "Service fellowships" in *School of Retailing* consisting of remuneration for services in stores.

Research: *Department of Fine Arts* has an endowment of $50,000, the gift of the Carnegie Corporation in 1925, the income of which ($2,500) is used for research and related departmental purposes. The fund for the establishment of the *Guggenheim School of Aeronautics* (1925) included a capital sum of $275,000, the income of which is to be used for teaching and research in the field of aeronautical engineering. In the Medical departments special gifts have made possible a number of important research activities, such gifts constituting revolving funds rather than endowments, as follows: Bacteriology, $1,500; Dentistry, $2,500; Laryngology, $5,000; Opthalmology, $10,000; Pediatrics, $250; Pneumonia, $5,000; Scarlet Fever, $6,000; Surgery, $5,000. The College of Engineering regularly carries on industrial researches of a wide variety, the costs of which are in each case financed by the industry engaging such services. The University maintains a Bureau of Business Research which, similarly, carries on a well-developed program of research, in behalf of many commercial establishments which support these services on an individual contract basis.

The experience of the Bureau of Employment is that the average annual income for a student part-time position is $250 a year, and for a full-time position, $1,250 a year. On this basis the 10,089 evening students employed full-time would have earned during one year $12,611,250, and the 1,820 day students employed in part-time positions would have earned $455,000. It will be noticed that these figures do not include the Graduate School or the Extra-mural Division. The percentage of students of all Schools and Colleges who have earned part or all of their way through college appears to be about 69 per cent. The estimated total earnings for all employed on either part or full-time basis is $13,066,250 for the year.

Terms and vacations: Fourth week in September; second week in June. The following schools have only one term extending from September to June: School of Law, Medical College, and Graduate School. No students are admitted to the School of Law or Medical College in the middle of the year. The School of Education opens certain of its

courses to new students at mid-year. The School of Commerce, Accounts and Finance offers the first term of the Freshman year to students entering at the beginning of the second term. In the University College, College of Engineering, and the Washington Square College (including college-medical and predental courses) a February-September term has been organized beginning the first of February and running to the middle of September with a vacation of one week (in the case of the schools at University Heights) at commencement. Students who complete this course are admitted to the Sophomore class in the University College, College of Engineering or the Washington Square College, as the case may be, in the September following their entrance to the school. For 1926–1927 most of the schools opened September 20. All schools come together for the University commencement exercises, June 8, 1927.

The summer session commenced July 6 and ended August 13, 1927. Forty-one departments of instruction offered 296 courses. Attendance, 3,637.

Of the 20,383 students enrolled in the degree-conferring schools and colleges, over 56 per cent are pursuing the standard, full-time curricula; the remaining 44 per cent are taking less than a full program of courses.

Publications: A separate bulletin of each of the several schools, colleges, and other major divisions of the University is published in the spring of the year previous to the academic year to which it pertains. Catalog at end of academic year. Chancellor's report annually in October. The New York University Press, established in 1916, has published, to date, 20 volumes. In addition to these volumes, which are limited to books contributing to higher scholarship, the Press has published 43 text-books, numerous syllabi, etc.

Bibliographical references: Joshua L. Chamberlain, LL.D., "New York University: Its history, influence, equipment, and characteristics, with biographical sketches and portraits of Founders, Benefactors, Officers, and Alumni." Boston, 1901. Henry Mitchell MacCracken, "The Hall of Fame, being the official book authorized by the New York University Senate as a statement of the origin and constitution of the Hall of Fame, and of its history up to the close of the year 1900." New York, 1901.

Administrative officers: Chancellor of the University, Elmer Ellsworth Brown; Dean of the Faculties, Marshall Stewart Brown; Registrar of the University, H. G. Arnsdorf; Dean of the College of Arts and Pure Science, Archibald Lewis Bouton; Dean of the College of Engineering, Charles Henry Snow; Dean of the University and Bellevue Hospital Medical College, Samuel Albertus Brown; Dean of the School of Law, Frank Henry Sommer; Dean of the Graduate School, Earle Brownell Babcock; Dean of the Washington Square College, John Roscoe Turner; Dean of the School of Commerce, Accounts and Finance, John Thomas Madden; Dean of the School of Education and Dean of the Summer School, John William Withers; Dean of the Graduate School of Business Administration and Director of the Wall Street Division, Archibald Wellington Taylor; Dean of the College of Dentistry, Holmes Condict Jackson; Director of the Extra-mural Division, Rufus Daniel Smith; Director of the School of Retailing, Norris Arthur Brisco; Director of the Institute of Education and Director of the Summer School, Milton Early Loomis. The Registrar is in charge of foreign students.

NIAGARA UNIVERSITY

NIAGARA UNIVERSITY, NEW YORK

University charter, but only College of Arts and Sciences for men organized. Private. Roman Catholic.

Founded in 1856. In 1863 chartered by New York State as Seminary of Our Lady of Angels. In 1883 chartered as Niagara University. Medical and Law Schools abandoned.

Self-perpetuating Board of 10 Trustees.

Total expenditure for 1925–26, $164,345.27.

Total value of grounds (300 acres), $500,000. Total present worth of buildings, $1,200,000. Total value of grounds, buildings and equipment, $2,055,000.

Library, 16,000 volumes.

Building devoted to laboratory purposes (re-erected 1919), $250,000. Value of equipment in principal departments, $80,000.

Gymnasium: Athletic field.

Admission requirements: 15 units, including English 3, Mathematics 2, Foreign Languages 4, Science 1, History 1. One unit condition allowed; must be removed within first year.

Degree requirements: 132 semester hours. Thesis required for Masters' degrees.

General requirements: Physical Culture required. Chapel for Catholic students required.

Departments and Staff: Classical Languages: *Professors*, 4; *Associate Professors*, 0; *Instructors*, 0. Education and Psychology: 4, 0, 0. English: 8, 0, 0. German: 2, 0, 0. Mathematics: 3, 0, 0. Philosophy: 4, 0, 0. Physical Sciences: 4, 3, 8. Religion: 6, 0, 0. Romance Languages: 3, 0, 0. Social Sciences: 5, 0, 0.

Enrolment for year ending June 30, 1926, 246.

Degrees conferred year ending June 30, 1926: A.B., 30; B.S., 8; M.A., 3.

Fees: Tuition, $150 a year. Matriculation, $5. Graduation, $10. Laboratory, $10 to $15. Lodging and board, $300.

Scholarships: 9 covering board and tuition.

Dates of beginning sessions: September 20, 1927; February 6, 1928. February 6; June 12, 1928.

Catalog in May.

Achievements of year ending June 30, 1926: Erection of a dormitory and another faculty home.

Administrative officers: President, Very Reverend Wm. E. Katzenberger, C. M.; Vice-President, Reverend Thomas A. Gorman, C. M.; Dean of College, Reverend Edward Harrison, C. M.

THE NORTH CAROLINA COLLEGE FOR WOMEN

GREENSBORO, NORTH CAROLINA

College of Liberal Arts for women. State supported. College includes: College of Liberal Arts and Sciences, School of Education, School of Home Economics, School of Music.

Founded in 1892.

Board of Directors consisting of one member from each Congressional District. State Superintendent of Public Instruction is member of Board ex officio and its President.

Income from fees: $700,000; State appropriation, $390,000. Total annual expenditures year ending June 30, 1926, $1,090,395.62. Budget, 1926–1927, $1,120,658. Grant of $90,000 from General Education Board (yearly payments over a period of 5 years) for the development of practise teaching facilities in the training school.

Grounds and buildings: 12 residence halls (1,400). Total value of grounds (100 acres), $750,000. Total present worth of buildings, $4,600,000. Total value of grounds, buildings and equipment, $6,150,000. In addition to the above, the college owns a farm of 250 acres, valued at $100,000.

Library, 35,000 volumes; 440 current periodicals.

Laboratories: Equipment, $38,600.

Health program: Health examination at beginning of first year and end of fourth year. Infirmary; 2 physicians; 2 nurses. Physical education building, cost $350,000. Athletic field.

Admission requirements: Graduation from an approved high school. 15 units, including English 3, Mathematics 3, History 2, Foreign Language 2 to 4, Science 0 or 1.

Degree requirements: 120 semester hours. Prescribed: English 14, one Foreign Language 12, History 6, Laboratory Science 6, Major subject 24 to 36 hours, related minor 12 hours.

General requirements: Three years physical education required. Chapel attendance required.

Departments and Staff: Biology: *Professors*, 3; *Associate Professors*, 1; *Assistant Professors*, 3; *Instructors*, 5. Chemistry: 1, 2, 0, 2. Education: 5, 3, 0, 7. English: 5, 3, 5, 6. German: 1, 0, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 3, 0, 0, 0. Physics: 1, 0, 1, 0. Psychology: 2, 0, 0, 0. Romance Languages: 2, 3, 4, 3. Social Sciences: 7, 1, 3, 2. Home Economics: 1, 1, 2, 4. Hygiene and Health: 2, 2, 0, 7. Music: 1, 3, 3, 5.

Enrolment for year ending June 30, 1926, 1,666. Total number matriculates since foundation, 14,186.

Degrees conferred year ending June 30, 1926: A.B., 199; A.M., 1; B.S. in Home Economics, 33; B.S. in Music, 18; B.S. in Physical Education, 9. Total number of degrees conferred since foundation: Bachelors, 1,622; Masters, 5; diplomas, 443.

Fees: Annual fee, $301. Graduation, $10. Room and board, $210. Annual expenses, including living expenses: Liberal, $345; low, $301.

Weil Fellowship Fund: Annual income awarded to some member of senior class for advanced study.

Dates of beginning and ending sessions: September 14, 1927; June 1, 1928.

Summer session: June 15–July 24, 1927. First session: 11 departments, 190 courses; second session: 8 departments, 66 courses. Attendance, 1925, 1,909.

University Extension: Classes, 388.

Publications: Catalog in June. President's report biennially.

Achievements of year ending June 30, 1926: Erection of education building costing about $400,000, and an auditorium to seat 3,000 people costing $500,000.

President, Julius I. Foust; Vice-President, Walter Clinton Jackson; Dean of the College of Liberal Arts and Sciences, William C. Smith; Dean of the School of Education and Director of the Summer Session, John H. Cook; Dean of the School of Music, Wade R. Brown; Dean of Students, Mrs. Elias J. Durand; Dean of the School of Home Economics, Blanche E. Shaffer; Registrar, Mary Taylor Moore; Officer in charge of foreign students, Winfield S. Barney.

NORTH CAROLINA, UNIVERSITY OF

See: University of North Carolina.

NORTH CENTRAL COLLEGE

NAPERVILLE, ILLINOIS

Coeducational College of Liberal Arts. Supported by the Evangelical Church.

Founded in 1861. Located first in Plainfield, Illinois, under the name of Plainfield College; name changed to Northwestern College in 1864; moved to Naperville in 1870; name changed to North Central College in 1926.

Board of 24 Trustees. Members one from each of 14 annual Conferences of the Evangelical Church; 6 elected at large by Board, 3 by Alumni, one Bishop. Besides the College of Arts, there is a School of Music, offering 4-year degree courses, and Academy.

Endowment: $613,500. Income from endowment, $33,144. Income from fees: $76,708. Miscellaneous income, $17,865. Total annual expenditures year ending June 30, 1926, $121,862. Budget, 1926–1927, $128,300.

Total value of grounds (53 acres), $103,660. Residence hall for men (34); two for women (70). Total present worth of buildings, $735,564. Total value of grounds, buildings and equipment, $941,648.

Library (1908), 15,000 volumes; 100 current periodicals.

Goldspohn Science Hall (1908), $105,291, contains Physics, Chemistry, Botany, Zoology Laboratories. Value of equipment: Chemistry, $6,570; Physics, $7,628; Biology, $5,898; Home Economics, $1,948.

Herbarium of 45,000 specimens.

Health program: Annual examination of all Freshmen and Sophomores; weekly lectures on Hygiene. Gymnasium (1901), valued at $50,606. Athletic field. Infirmary.

Admission requirements: 15 units, including English 4, Mathematics 2, History 1, Science 1, Foreign Languages 2. One condition allowed; must be removed within a year. Four units in vocational subjects accepted.

Degree requirements: For B.A.: 128 semester hours; 128 honor points. Required courses: English Composition 6 semester hours, English Literature 6, Bible 4, Foreign Languages (2 years, 14 to 16 hours), Laboratory Science 8, Psychology 4, Physical Training 4 (2 years). Major of 24 hours in one department exclusive of beginning courses open to Freshmen. Special curriculum for B.S. in Commerce, B.S. in Home Economics, and Bachelor of Music.

Departments and Staff: Bible and Religious Education: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biological Sciences: 2, 0, 0. Chemistry: 1, 0, 1. Classics: 1, 0, 0. Commerce: 1, 0, 0. Education: 3, 0, 0. English: 1, 0, 3. German: 1, 0, 1. History: 1, 0, 0. Home Economics and Art:

2, 0, 1. Mathematics and Astronomy: 1, 0, 0. Music: 2, 0, 2. Physical Training: 1, 0, 2. Physics: 1, 0, 0. Psychology and Philosophy: 1, 0, 0. Public Speaking: 1, 0, 0. Romance Languages: 1, 1, 1. Social Sciences: 1, 0, 0.

Enrolment for year ending June 30, 1926: 494: Men, 272; women, 222. Total number of matriculates since foundation, 12,000.

Degrees conferred year ending June 30, 1926: 103: B.A., 99; B.S. in Home Economics, 4. Total number of degrees conferred since foundation, 1,269.

Fees: Tuition, $150 a year. Graduation, $5. Laboratory, $1 to $7 a semester. Room and board, $6 to $7 a week. Annual expenses: Liberal, $650; low, $475.

Scholarships: Several of $25 a year. La Verne Noyes Scholarships for ex-service men or descendants.

About one third earn all expenses; another third earns from 25 per cent to 90 per cent of expenses.

Dates of beginning and ending sessions: September 12, 1927; June 6, 1928.

University Extension: Limited number of courses offered to teachers in Naperville and neighboring centers.

Catalog in April.

Achievements of year ending June 30, 1926: Establishment of degree course (Mus. B.) in Music.

Administrative officers: President, Edward Everett Rall; Dean, George J. Kirn; Dean of Women, Clara Bleck; Registrar, Thomas Finkbeiner.

NORTH DAKOTA AGRICULTURAL COLLEGE

FARGO, NORTH DAKOTA

Land grant college for men and women.

Established March 2, 1890, by legislative enactment and organized October 15, 1890. Located at Fargo in 1899 by provision of the State Constitution.

State Board of Administration, composed of 3 members appointed by the Governor, one at the beginning of each biennium for a term of 6 years, and 2 ex officio members, Commissioner of Agriculture and Labor and State Superintendent of Public Instruction, who are chosen by direct vote of the people every two years.

Seven schools: Agriculture, Chemistry and Technology, Education, Home Economics, Mechanic Arts, Pharmacy and Science, and Literature.

Financial resources: From the Federal land grant, received 130,000 acres of land now valued at $1,941,905. The income from this is about $75,000. Other sources of income are the U. S. Morrill Funds, $50,000; Smith-Hughes Fund, $8,000; State appropriations, $271,500 and local income, $57,000. Expenditures for 1926, $461,500.

Grounds and buildings: Fourteen buildings are devoted to purposes of resident instruction. Men's dormitory (60); women's dormitory (80). Value of 14 buildings, grounds (960 acres) and equipment, $1,789,643.

Carnegie Library (1905), 32,000 volumes and several thousand pamphlets; departmental libraries, 7,621 other volumes; 591 current periodicals.

Laboratories: Science Hall (1901 and 1919) valued at $100,000; Chemistry Building (1911 and 1925), valued at $125,000, and Engineering Building (1907), valued at $67,500. Specialized laboratories in buildings of the several schools. In the three general laboratories, equipment valued at $73,901; for whole institution, $158,247.

Health program: Separate departments of physical education for men and women. Gymnasium. Athletic field. Infirmary for women; dispensary for all.

Admission requirements: 15 units, including English 3 and one group of 3 units and two groups of 2 units each from the following five: Ancient Language, Modern Language, History, Mathematics, Science. One condition allowed but must be removed during the first year.

Degree requirements: For bachelor's degree, 204 quarter hours. All technical curricula prescribed. Curriculum in Science and Literature prescribes 91 hours, requires a major of 45 hours and a minor of 30. Distribution requirement of 2½ units or 20 quarter hours either in high school or college in each of the fields: History, Political, Economic and Social Science; Mathematics and

Philosophy, Chemistry; Physics, Physiography; Biology; Modern Languages. Physical education for women and military instruction for men required in first two years, and a course in library methods during the first year.

Departments and Staff: Agriculture: *Professors*, 10; *Associate Professors*, 1; *Assistant Professors*, 7; *Instructors*, 3. Applied and Fine Arts: 1, 0, 1, 0. Chemistry: 3, 3, 2, 4. Education: 2, 0, 0, 0. Home Economics: 1, 2, 1, 5. Library: 1, 0, 1, 0. Mechanic Arts: 5, 2, 0, 6. Military Science: 1, 2, 2, 0. Music: 1, 0, 3, 0. Pharmacy: 1, 0, 1, 0. Physical Education: 1, 0, 1, 0. Science and Literature: 10, 1, 2, 14. Veterinary Science: 1, 0, 1, 0.

Enrolment for year ending June 30, 1926: Men, 1,334; women, 571. Colleges, 951. Summer, 240. Short courses, 365, etc.

Degrees conferred year ending June 30, 1926: M.S., 3; B.S., 97; Ph.C., 3; Ph.G., 23. Degrees conferred since foundation: 44 masters, 866 bachelors, 13 pharmaceutical chemists, and 188 pharmaceutical graduates.

Fees and expenses: Matriculation, $10; resident incidental, $12.50 a quarter; nonresident incidental, $15 a quarter; and postgraduate, $25. The incidental fee includes tuition, laboratory, student activity and sick benefit. Room and board charges are from $7.50 to $10 a week. Living expenses vary from $425 to $600.

Employment bureau: About 50 per cent of students largely self supporting.

Dates of beginning and ending sessions: Autumn quarter, September 26, 1927; closes December 16. Winter quarter, January 3, 1928; March 20. Spring quarter, March 22; June 9, 1928.

Summer session: June 12 to July 20, 1928. Attendance, 1925, 240; 22 departments offered 73 courses.

Extension: A Correspondence Department offers 16 courses, all in Agriculture.

Publications: The "Quarterly Record" includes catalog in January.

Administrative officers: President, John Lee Coulter; Dean of Men, Irving W. Smith; Dean of Women, Myrtle Gleason Cole; Registrar, Alfred H. Parrott; Dean of School of Agriculture, H. L. Walster; Dean of School of Chemistry, W. T. Pearce; Dean of School of Education, A. D. Weeks; Dean of School of Home Economics, Alba Bales; Dean of School of Mechanic Arts, E. S. Keene; Dean of School of Pharmacy, W. F. Sudro; Dean of School of Science and Literature, A. E. Minard.

NORTH DAKOTA, UNIVERSITY OF

See: University of North Dakota.

NORTHWESTERN COLLEGE

See: North Central College.

NORTHWESTERN UNIVERSITY

EVANSTON AND CHICAGO, ILLINOIS

Colleges of Liberal Arts and Engineering, Schools of Music, Speech, Graduate School of Arts and Sciences and certain departments of School of Commerce and Medill School of Journalism located in Evanston, Illinois, on Lake Michigan approximately twelve miles north of Chicago. Schools of Medicine, Law and Dentistry and departments of School of Commerce and Medill School of Journalism located on Alexander McKinlock Memorial Campus, Chicago Avenue and Lake Shore Drive, Chicago, Illinois. University. Coeducational in all schools except Medical. Privately controlled, by board of 44 trustees, self-perpetuating, with exception of 8 members elected by conferences of the Methodist Episcopal Church. Charter requires that majority of the members of the Board of Trustees be members of the Methodist Episcopal Church. This is the only denominational qualification or control.

Founded 1851. First building erected 1855. First class graduated 1859 in College of Liberal Arts. Graduate School, founded 1910 to correlate work for advanced degrees which had been offered since 1878. Medical School, organized 1859 as Medical Department of Lind University; affiliated with Northwestern University 1869. Law School, founded in 1859 under joint control of Northwestern University and old University of Chicago; in 1891 passed to sole control of Northwestern University. Col-

lege of Engineering, 1907. Dental School organized in 1887; affiliated with Northwestern University, 1890. School of Music, organized as School from College of Liberal Arts in 1895. School of Commerce, 1910. School of Speech began work in 1878 as affiliated institution. Medill School of Journalism, 1921. School of Education, 1921.

Board of Trustees consists of 44 members, including President of the University, ex officio, and 8 conference members, elected 2 from each of the following conferences of the Methodist Episcopal Church, Rock River, Central Illinois, Michigan and Detroit. By practice 4 of these members are now elected on nomination by the alumni, and 2 are elected as representatives of Wesley Memorial Hospital, an affiliated institution. It is required that a majority of this Board shall be members of the Methodist Episcopal Church.

Endowment and Trust Funds: $18,000,000. Plant assets: $8,000,000. 1925–26 income from student fees approximately $1,360,000. Income from gifts to budget approximately $75,000. Total annual expenditures for educational purposes, 1925–1926, $2,601,405.52. Budget for year 1926–1927 contemplates an increase of about 5 per cent to be gained mainly from increase in student fees, and expended mainly for salary increases. Financial items for the year: Gift of $4,000,000 for medical-dental endowment from Mrs. Montgomery Ward; gift of $100,000 from Carnegie Foundation for establishment of course in Church Music; receipt of payment of $600,000 on conditional pledge of General Education Board for College of Liberal Arts.

Two campuses. Main campus in Evanston, area 75 acres, Alexander McKinlock Memorial Campus, Chicago, corner of Lake Shore Drive and Chicago Avenue approximately 9 acres. Dormitories: Women; 2 owned and operated by University (150); 3 owned and operated by Women's Educational Aid Association (120); approved houses not owned by University (400). At present under construction, 14 sorority houses, capacity 24 to 30 each, and one dormitory, capacity 60. Men: 11 fraternity houses and 4 dormitories in four quadrangles, on campus, other fraternity houses scattered. Capacity of 4 open houses, 130. Plant assets: $8,000,000. 1925 inventory value exclusive of Alexander McKinlock Campus and buildings thereon in course of erection: Buildings, $1,929,499.06; Grounds, $3,040,000; Equipment, $798,897.25; Buildings, grounds and equipment, $5,768,346.31. The inventory value of the McKinlock Campus and buildings will be in neighborhood of $7,000,000; Montgomery Ward Medical-Dental Center ($2,000,000); Wieboldt Hall ($1,000,000); Levy Mayer Hall of Law and Elbert H. Gary Law Library Building ($750,000) were occupied in October, 1926. Erection of The George R. Thorne Auditorium ($250,000) has begun.

Libraries: Orrington Lunt Library Building (1894), 166,094 volumes; 1,052 current periodicals. Greenleaf Collection (classics) 11,246 volumes. Schneider Collection (German). Elbert H. Gary Library of Law, 62,000 volumes. Archibald Church Library of Medical School, in Montgomery Ward Medical-Dental Center, 15,000 volumes. Theodore Menges Library of Dental School, 10,000 volumes; Trueman Library rich in material previous to 1800. Joseph Schaffner Library of Commerce in Wieboldt Hall, 7,000 volumes. Students in Evanston have access to the Library of Garrett Biblical Institute, 127,000 volumes, and the Evanston Public Library, 92,000 volumes. In Chicago students have access to Chicago Public Library, 1,431,000 volumes; John Crerar Library, 500,000 volumes, 300,000 pamphlets; and the Newberry Library, 450,000 volumes, as well as the Library of the Chicago Historical Society, 60,000 volumes, 50,000 manuscripts and maps.

Laboratories: Fayerweather Science Hall (1886), in Evanston, cost $101,000: Physics and Chemistry. Equipment, $60,000. Swift Hall of Engineering (1909), in Evanston, cost $125,000. Equipment, $40,000. Northwestern University Building, 31 West Lake Street, bought 1901, remodeled; value, $1,100,000, contains laboratories of Dental School. University Hall (1869), $125,000, Evanston, contains Geological and Zoological Laboratories. Fisk Hall (1898), $100,000

contains laboratory for Botany. Former Gymnasium Building (1871) contains Mineralogical and Meteorological Laboratories.

Museum of College of Liberal Arts: Anthropology (8,000 specimens aboriginal archæology). Botany (15,000 specimens, largely western hemisphere). Geology (fossils). Mineralogy (largely U. S., rare azurites and malachites). Zoology (Illinois fauna, New South Wales exhibit; Philippine collection; 15,000 shell-fish; 30,000 miscellaneous specimens). Dental Museum: In many sections most complete collection of illustrative material in dentistry in existence; much valuable historical material. Medical Museum: Pathology, 4,000 specimens. Art Collection: University Guild.

Dearborn Observatory (1888): Equatorial 18½-inch refracting telescope and other equipment.

Health program: All candidates for admission required to furnish physician's certificate of health. Examinations made of all Freshmen men and women. Women's health department consists of woman physician, two nurses and infirmary. Male physician for men, exclusive of athletic physician. Arrangement with Evanston Hospital whereby bed is available for students under certain conditions. Regularly appointed student health officer in Medical School (Chicago). Patten Gymnasium in Evanston (1914), cost $300,000. First unit of stadium (50,000) completed 1926.

Admission requirements: *Liberal Arts:* 15 units. Those certified to rank in upper half of their high school classes admitted without examination. Others must take examinations on 3 units of English, 1 unit of Algebra, 2 units of Foreign Languages. On entrance all students are required to take a mental alertness test, and the result of these tests, duly analyzed and interpreted, are reported to the faculty for guidance of faculty committees and administrative officers. It is not the policy of the University to admit applicants whose scholastic record elsewhere is unsatisfactory. Fifteen units presented for entrance by certificate must be distributed as follows: A. At least 3 units of English, Algebra 1, Plane Geometry 1. B. Foreign Languages (Latin, Greek, French, German, Spanish), at least 2. C. At least 5 from groups A, B, and Mathematics, Science and History. D. Other subjects sufficient to make an aggregate of 15. A physician's certificate is required to accompany all applications. *Medical School:* I. The candidate must be of good moral character as evidenced by certificates signed by two physicians of good standing in the State in which the candidate last resided. II. He must have credit for 2 years of work in an approved college or university following the completion of an accredited high school course or its equivalent. III. He must have completed in those 2 years of college work at least 60 semester hours and the schedule of his work must have included not less than a year each in (a) Chemistry, comprising general Inorganic Chemistry and Organic Chemistry; (b) General Physics; (c) Biology, including Zoology, 4 semester hours; (d) English; and (e) French or German. IV. Applicant for admission from other medical schools must present letters of honorable dismissal with their official credentials. V. Admission to the fourth-year class is by special action of the Faculty, and usually is granted only to graduates in medicine. *Law School:* Proof of satisfactory completion of 3 years' study in an approved college. *Engineering:* Candidates for admission must qualify by examination or by certificate on 15 units of high school work. *Dental:* Graduation from high school is required for admission to the 5-year Dental Course, which includes one year of college. One year of college is required for admission to the 4-year Dental Course. Candidates may be accepted on presentation of 15 units from an accredited high school or academy, which shall include 3 units of English, Algebra 1, Geometry 1, Physics 1, and 30 semester hours in the College of Liberal Arts, which shall include 6 semester hours of English, 6 of Chemistry and 6 of Biology. *Music:* Entrance requirements to the full course in School of Music are equivalent to those enforced in the College of Liberal Arts, but vary in detail according to the students' major work. *Commerce:* Credit of 60 semester hours in a College, University or Scientific School of approved standing. These

credits should include one year of English, one year of Laboratory Science, course in elements of Economics, Money and Banking. Specific requirements must be satisfied in first year of residence. *Journalism:* Same as School of Commerce. *Speech:* 15 units, including English 3 units, Algebra 1, Plane Geometry 1, Foreign Language at least 3 units of one, or 2 of two. Condition of not more than one unit will be allowed to be made up during residence or the following summer. Candidates who rank in the fourth quarter of their high school class are admitted on probation only by special permission of the faculty. *Graduate School:* Persons who have received a Bachelor's degree from a college or scientific school in good standing are admitted to the Graduate School on presentation of Certificate of character and qualifications. Admission to the rank of graduate student does not imply candidacy for an advanced degree in any stated time, and such candidacy can only be determined after a consideration of the individual's merits, and after the student has demonstrated whether he has the ability to do major work of graduate character.

Degree requirements: *Graduate School:* Master's degrees: 26 semester hours of resident graduate work, 13 of which have been done in residence, including the completion of the thesis which shall include scholarly attainments. Doctor of Philosophy: Three years of graduate work in the production of a thesis which shall contain an important contribution to knowledge, of which the last year or first two years shall have been spent in residence. *College of Liberal Arts:* 120 semester hours. The courses completed must include the requirements as to majors and minors without counting work of D grade. All work offered to meet the requirements for graduation must not average lower than C, and not more than one-fifth of this work may be of a D grade. *Medical:* Prescribed courses for 4 years together with a satisfactory internship occupying 12 months in a hospital approved by the faculty. *Law:* For Juris Doctor, 4 academic years, 36 months of resident study, and 92 semester hours of credit for students who have satisfactorily completed 3 years of study in an approved college, or 3 academic years (27 months) of resident study and 80 semester hours of credit for students holding at the time of admission a Bachelor's degree in Arts and Sciences. *Engineering:* Electrical Engineer: Five-year course in Electrical Engineering plus 10 hours of approved summer work or 6 hours of summer work plus 4 hours of summer surveying. Mechanical Engineer: Five-year course in Mechanical Engineering plus 10 hours of approved summer work, or 6 hours of summer work plus 4 hours summer surveying. Civil Engineer: Five-year curriculum in Civil Engineering plus 6 hours of approved summer work plus 4 hours summer surveying. *Dental:* Four-year course required clinical and laboratory work. Must be of fit moral character and twenty-one years of age. *Music:* For Bachelor of Music not less than 120 semester hours. For Bachelor of Music in Education not less than 130 semester hours; and for Master of Music not less than 150 semester hours. Of this work students must have completed a minimum of 30 semester hours in residence in the School of Music. *Commerce:* For B.S. in Commerce, 120 semester hours of which 60 must be in Commercial subjects. No student is graduated if more than 10 per cent of his work is below the grade of C. The candidate for the degree must present acceptable evidence of at least three months' satisfactory service in a business concern. *Journalism:* 120 semester hours of which 30 must be obtained in strictly journalistic subjects, and 35 in social sciences. No student graduated if more than 10 per cent of his work is below the grade of C. *Speech:* Bachelor of Letters, 120 semester hours of which 60 are in the College of Liberal Arts and 60 are in the School of Speech.

Residence requirements: Men students not living in their own homes are required to live in dormitories unless formally admitted to live elsewhere for sufficient cause. Women students not living at their own homes are required to room in college halls or houses unless special exemption is granted. Students are allowed to be received in fraternity houses off the campus on special permission.

Physical Culture requirements in Colleges

of Liberal Arts and Engineering: Two hours a week under direction of Department of Physical Hygiene and one hour course in Hygiene for the first year. For second year additional two year hours work in physical exercise. Men students may substitute military science for this requirement.

Departments and Staff: College of Liberal Arts: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Astronomy: 1, 0, 0, 2. Biblical Literature: 0, 0, 1, 1. Botany: 1, 2, 0, 2. Chemistry: 3, 1, 3, 1. Classical Languages: 2, 1, 0, 3. Economics and Sociology: 6, 4, 2, 4. Education: 4, 0, 4, 0. English: 3, 2, 3, 11. Geology and Geography: 1, 1, 2, 3. Germanic Languages and Literature: 2, 0, 2, 0. History: 3, 2, 0, 1. History of Religion: 2, 0, 0, 1. Mathematics: 3, 0, 2, 5. Military Science: 1, 0, 1, 1. Philosophy: 1, 2, 0, 0. Physics: 2, 1, 0, 4. Political Science: 2, 1, 0, 1. Religious Education: 3, 0, 0, 2. Romance Languages: 2, 2, 1, 10. Zoology: 1, 1, 1, 3. Medical School: 27, 16, 29, 89. Law School: 13, 0, 0, 2. School of Engineering: 10, 2, 1, 1. Dental School: 16, 7, 6, 24. School of Commerce: 22, 7, 14, 12. School of Speech: 5, 2, 2, 11. School of Music: 8, 0, 10, 8.

Enrolment, 1925–26: College of Liberal Arts: 2,220: Men, 836; women, 1,384. Graduate School: 441: Men, 280; women, 161. Medical School: Men, 530. Law School: 246: Men, 238; women, 8. College of Engineering: 205: Men, 203; women, 2. Dental School: 242: Men, 238; women, 4. School of Music: 407: Men, 70; women, 337. School of Commerce, Evanston Classes: 355: Men, 330; women, 25. School of Commerce, Chicago Classes: 4,149: Men, 3,403; women, 746. Medill School of Journalism, Evanston Classes: 72: Men, 37; women, 35. Medill School of Journalism, Chicago Classes: 283: Men, 122; women, 161. School of Speech: 288: Men, 36; women, 252. Totals: 9,438: Men, 6,325; women, 3,113. Total enrolment, less duplicates, 9,210. Summer session, 1925: 1,823: Men, 855; women, 968. Grand total, less duplicates, 10,533. In addition there were 937 students enrolled in Special Part-Time Courses (not included above): Federal Tax (Commerce), 64; National School for Commercial Secretaries, 185; Post-Graduate School (Dentistry), 64; American Institute of Normal Methods, 372; School for Town and Country Pastors, 65; Summer School of Religious Education, 123; Drama League Institute (Speech), 57; Chautauqua Course (Speech) 7. See also Chapters V–VI.

Degrees conferred June, 1926, 917: Ph.D., 7; M.A., 67; M.S., 12; M.S. in Jour., 5; S.T.M., 2; B.A., 131; B.S., 167; M.D., 111; B.S. in Med., 15; LL.M., 2; J.D., 37; LL.B., 14; B.S. in Law, 9; E.E., 6; C.E., 3; D.D.S., 74; B.S. in Dentistry, 4; M.Mus., 2; B.Mus., 28; B.Mus.Ed., 21; G.Mus., 1; M.B.A., 19; B.S. in Com., 125; B.S.Jour., 22; B.Litt., 33. Diplomas and certificates, 282: Four-year Certificate in Medicine, 97; Diploma in School and Community Music, 6; Diploma in Commerce, 77; Diploma in Journalism, 1; Diploma in Speech, 15; Certificate as Dental Hygienist, 10; Graduate Nurse, 76. Degrees conferred since foundation: 22,701. Diplomas, 2,573.

Fees: General: Matriculation (except Chicago School of Commerce), $10. Graduation, $20. Women's Health (Evanston), $4 a semester. Gymnasium, $2.50 a semester. Student Enterprise, $4 a semester. College of Liberal Arts: Tuition, $225 a year. Graduate School: Tuition, $12.50 a year hour. Medical School: Tuition, $229 to $235 a year. Breakage, $5 a semester. Student Health, $5 a year. School of Law: Tuition, $225 a year. School of Engineering: Same as College of Liberal Arts. Dental School: Tuition, $250 a year. Club room fee, $1 a semester. Laboratory (Freshmen and Sophomores), $10. School of Music: Tuition, $105 a quarter. Other fees same as College of Liberal Arts. School of Commerce: Tuition (Evanston), $275 a semester. Other fees same as in College of Liberal Arts. Tuition (Chicago) from $25 to $80 a semester, according to number and type of courses taken. School of Journalism: Tuition (Evanston), $225 a semester. Other fees same as in College of Liberal Arts. Tuition (Chicago) from $25 up in accordance with number of courses taken. School of Speech: Tuition, $175 a semester. Other fees same as in College of Liberal Arts. Dormitory fees (Evanston): Women's (including board)

$260 to $460. Men's (room only) $140 to $250. Approximate expenses: Men: Tuition, $225 to $350; fees, $4 to $10; books and supplies, $25 to $30; room, $130 to $260; board, $252 to $400; incidentals, $150 to $500. Total, $786 to $1,550. Women: Tuition, $225 to $350; fees, $12; books and supplies, $25 to $50; room and board, $260 to $475; incidentals (not including clothing), $637 to $1,177.

Scholarships and fellowships: 140 tuition scholarships; 9 to 11 scholarships for foreign students; 39 fellowships from $500 to $900. 65 scholarships from $50 to $700.

Research funds: Public Health Institute grants 10 research fellowships to graduate students in Chemistry ($500) for research in organic mercury and organic arsenic. James A. Patten Research Fund (1910), $10,800 for investigation of factors that cause disease and study of defensive forces of body. Rea Research Fund, 1899 ($9,700; $485) for research in Anatomy. Alumni Research Fund ($2,200; $110). Dental Research Fund ($4,405; $160.29) for research in Dentistry. Chicago Astronomical Society ($1,500; $75) for research in Astronomy. Mayo Lecture in Surgical Research ($4,000; $200). N. W. Harris Foundation ($27,000; $1,475) to stimulate scientific research and bring results before students and friends of Northwestern University. Annual series of lectures and publications by some eminent scientists. Julius Rosenwald Fund for maintenance of Children's clinic and research in Dentistry ($27,000). Bureau of Business Research maintained by contribution and subsidy from School of Commerce, research and securing data concerning business practice. Institute for Research in Land Economics and Public Utilities, affiliated with University, maintained by subscription; annual budget, $64,000. Staff, 28 persons.

Employment bureau in connection with the School of Commerce in Chicago; largely dealing with part-time students already employed. Calls received (1925–1926), 1,477; total number placed, 736; total annual salaries, $1,440,700; average salary each placement, $1,957.47. The Bureau of Appointments (Department of Education) filled 65 vacancies in 1925–1926. Of senior class, 1926, 54 per cent of the men earned way in full or part.

Dates of beginning and ending sessions: 1926: September 20, first day of registration in Evanston schools. First quarter begins: School of Music. September 23, class work begins, Evanston Schools. September 30, lectures begin, Law School. October 4, quarter opens, Dental School. October 5, quarter opens, Medical School. October 14, classes open, Chicago School of Commerce. November 20, first quarter ends, School of Music. November 22, second quarter begins, School of Music. December 18, Christmas recess begins. December 23, Christmas recess begins, Medical and Dental Schools. 1927: January 3, class work resumed, all schools. February 7, second semester begins (third quarter, School of Music). March 24, spring quarter, Dental School. March 28, spring quarter, Medical School. April 18, fourth quarter, School of Music. June 20, annual Commencement.

Summer session: 1926: June 22, class work begins. July 21, second half term in Law School begins. July 26, second term in Chicago School of Commerce. July 31, Schools of Speech and Music close. August 14, College of Liberal Arts, Graduate School, Schools of Education, Commerce, Journalism close. August 21, Law School closes. September 18, second term Chicago School of Commerce, closes. 272 courses offered. Attendance, 1925, 1,823.

Extension: Chicago School of Commerce and the Medill School of Journalism in Chicago offer evening courses of college credit in commercial subjects.

Publications: Catalog in June. President's report in January. Northwestern University Press: Publishers of "Illinois Law Review" and "Journal of Criminal Law and Criminology." "Annals of the Dearborn Observatory." Bureau of Business Research of the School of Commerce publishes results of its surveys.

Achievements of year ending June 30, 1926: Gift by Mrs. Montgomery Ward of Chicago, $4,000,000 for endowment of Medical and Dental education. Gift of Carnegie Foundation of New York, $100,000 for endowment of course in church music.

Laying of four cornerstones on the Alexander McKinlock Memorial Campus in Chicago: The Montgomery Ward Medical-Dental Center, Wieboldt Hall of Commerce, the Levy Mayer Hall of Law, and the Elbert H. Gary Law Library Building. These buildings were completed in the autumn of 1926, a development representing approximately $5,000,000 exclusive of ground costs; also the beginning of work on the new women's campus in Evanston, where the present construction is to be 14 sorority houses and one open dormitory for women; construction of $1,000,000 athletic stadium, first unit to hold 50,000 was completed for season of 1926. Important educational movements were the organization of an independent School of Education under Dean John E. Stout; the establishment of courses in the College of Engineering leading to the degree of Bachelor of Science in Engineering; the preliminary plans for the ultimate consolidation of Armour Institute of Technology and the College of Engineering. A successful campaign was completed by Passavant Hospital for $1,500,000 for the erection and endowment of a hospital on the Alexander McKinlock Memorial Campus as a teaching hospital for the School of Medicine.

Bibliographical references: "Northwestern University, A History." Edited by Wilde, University Publishing Society, 1905. Estelle Ward, "The Story of Northwestern University," Dodd, Mead and Company, 1924.

Administrative officers: President, Walter Dill Scott; Dean of the College of Liberal Arts, Raymond Asa Kent; Dean Emeritus, Thomas Franklin Holgate; Dean of the Graduate School, James Alton James; Dean of the Medical School, Irving Samuel Cutter; Dean of the Law School, John Henry Wigmore; Director of the College of Engineering (Acting) William Charles Bauer; Dean of the School of Music, Peter Christian Lutkin; Dean of the School of Commerce, Ralph E. Heilman; Dean of the School of Speech, Ralph Brownell Dennis; Dean Emeritus, Robert McLean Cumnock; Director of the Medill School of Journalism, Harry Franklin Harrington; Dean of the School of Education, John Elbert Stout; Dean of Men, James W. Armstrong; Dean of Women. Winifred Goodsmith Richardson.

NOTRE DAME DU LAC, UNIVERSITY OF

See: University of Notre Dame du Lac.

NOTRE DAME OF MARYLAND, COLLEGE OF

See: College of Notre Dame of Maryland.

OBERLIN COLLEGE

OBERLIN, OHIO

Name for bequests: The Board of Trustees of Oberlin College.

College Campus is a tract of 13 acres in the center of Oberlin. College holds 166 acres of land in the town of Oberlin, about 100 of which consist of park land and arboretum.

Coeducational; privately controlled. Undenominational.

The plan for Oberlin originated with Reverend John J. Shiperd and Philo P. Stewart, in 1832. Opened, December 3, 1833. Charter granted by Legislature of the State of Ohio, February 28, 1834, to Oberlin Collegiate Institute; in 1850 name changed to Oberlin College. College work began in 1834.

Board of 25 Trustees, the President of the College being ex officio a member and president of the board. Four members elected each year to serve for 6 years; 3 of these elected by the board itself and one is elected by general ballot of alumni.

There are at the present time three major divisions: College of Arts and Sciences; Graduate School of Theology; Conservatory of Music. A preparatory school, originally under the name of Preparatory Department, and later known as Oberlin Academy, existed from 1833 until 1916. The name of the Theological Seminary was changed in 1916 to the Graduate School of Theology.

Financial resources: During the year 1925–26 the trustees of the Estate of Charles M. Hall completed transfer of the Hall bequest, $10,192,446 for general endowment. Only part of this bequest was productive

during 1925–26, and a part is not productive during 1926–27; but after January 1, 1927, the entire amount of the Hall bequest will be productive endowment. At date of August 31, 1926 endowment was $13,377,829. Income from endowment during year ending August 31, 1926, including amount received from Hall Estate, $475,724. Income from student fees, $480,590. Total income for year 1925–26, $1,054,358. The expenses for the year were $968,679, leaving a surplus of $85,679. Surplus for the year was applied to the extinguishment of certain so-called advances, made many years ago for sites and buildings. Budget for 1926–27, anticipates an income of $1,241,659, and authorizes expenses amounting to $1,028,653. It is expected that this surplus will suffice to extinguish all advances now outstanding, deficits, and purchases of land for ultimate college use, and will leave the college free after the present year to use a part of the income of the Hall Estate for construction of buildings. Total assets, including endowment, scholarship and loan funds, plant assets, and all other items in the care of the Treasurer at date of August 31, 1926, $18,262,671.

Grounds and buildings: There are now 39 buildings in use for college purposes, of a construction value of $1,920,756. Value of equipment and furniture of these buildings, $516,491. Total plant assets, including campus, college lands, buildings and equipment, $2,933,532.

Carnegie Library (1907–08), cost $155,600; 274,200 volumes; 191,800 unbound volumes and pamphlets; 7,300 unbound volumes of newspapers. Yearly accessions number between 13,000 and 15,000 bound volumes.

Laboratories: Botany (1904); Geology (1915); Chemistry (1901); Zoology (1885). Physics and Psychology laboratories in Peters Hall.

Allen Memorial Art Building (1917); fine arts collections, large sculpture hall, a large picture gallery, two smaller galleries, an art library, etc.; cost, including site, $241,000. Olney Art Collection, comprising many thousand articles housed in this building.

Observatory: Six-inch telescope and 4-inch Clark glass.

Health program: A teacher's course in health and physical education was established in 1899, at first opened to women only, but in 1904 reorganized to include both men and women. Completion of major work in Physical Education and of some supplementary prescribed courses leads to diploma in Physical Education. Gymnasium for men, men's athletic fields. Stadium (3,000), cost $38,000. Women's gymnasium, women's athletic field, a physical training camp on Lake Erie. Allen Hospital (1925), available for use of town of Oberlin as well as students and faculty; cost $186,000; equipment, $47,000. Directors of men's and women's gymnasium are physicians. They cooperate with the college physician in carrying out a general health program. A health and hospital fee of $10 a year charged each student entitles student to dispensary service, and if needed ten days of infirmary and hospital care. College also maintains a 12-bed infirmary for women and two houses for contagious diseases.

Admission requirements: Evidence of graduation (with good standing) from a recognized high school, and at least 15 units, including English 3, Foreign Languages 4 (of which 2 must be Latin or Greek), Mathematics 2½, History and Social Sciences 1, Natural Science 1. The College stresses actual graduation from a high school, with a total of 15 or more credits, but allows conditions in specific subjects. These must be removed within first year. Number of freshmen limited to 175 men and 175 women. The number of students applying each year is more than 600.

Degree requirements: *College of Arts and Sciences:* For A.B., 124 semester hours. This is the only degree for undergraduate work granted by the College. Prescribed courses are of two kinds: general requirements, amounting to 48 hours of the college course, and major requirements. The general requirements include the following: English Composition, 2 hours throughout the Freshman year; Bible, 2 hours for either semester of the Freshman year; Physical Education, 1 credit hour (3 or 4 laboratory periods a week) throughout the Freshman and Sophomore years; Modern Lan-

guages, 4 hours throughout the Freshman year; Ancient Languages or Mathematics, 3 or 4 hours throughout the Freshman year; a Laboratory Science, 4 or 5 hours throughout either the Freshman or Sophomore year; Philosophy, 3 hours for one semester of the Sophomore or Junior year; Psychology, 3 hours for one semester of the Sophomore or Junior year; Christian Religion, 2 hours for the first semester of the Senior year; Appreciation of Art, 2 hours to be taken any time after the Freshman year; and 6 hours in one of the following subjects: Economics, Education, History, Political Science, Sociology, to be taken in any year after the Freshman year. Major of not less than 18 hours and not more than 36 hours. The remainder of the schedule elective. *Conservatory of Music:* Undergraduate work on same basis as in College of Arts and Sciences. The work in the Conservatory leads either to degree of Bachelor of Music, or to degree of Bachelor of School of Music. *Graduate School of Theology:* Admission to School of Theology: graduation from Oberlin College or the equivalent. Three years' course leads to degree of Bachelor of Divinity.

General requirements: Two years of prescribed courses in Physical Education. Chapel attendance required. No secret societies allowed nor any other self-perpetuating organization except by permission of the faculty. A year of residence (the Senior year) is required for the A.B. degree, and recent practice has expected two years of work in Oberlin.

Departments and Staff: Animal Ecology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 0, 1, 0, 0. Bible and Christian Religion: 2, 1, 0, 0. Bibliography: 1, 0, 0, 0. Botany: 2, 0, 0, 1. Chemistry: 4, 0, 0, 0. Classics: 4, 0, 2, 1. Economics: 2, 1, 1, 0. Education: 1, 0, 1, 0. English: 4, 1, 2, 3. Fine Arts: 2, 0, 3, 1. French and Italian: 1, 1, 5, 2. Geology and Geography: 1, 0, 0, 2. German: 1, 0, 2, 0. History: 3, 0, 2, 0. Hygiene: 2, 0, 0, 0. Mathematics: 2, 0, 2, 1. Philosophy: 3, 0, 0, 0. Physical Education: 3, 1, 4, 6. Physics: 2, 0, 2, 0. Political Science: 2, 0, 0, 1. Psychology: 1, 1, 2, 0. Public Speaking: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Spanish: 1, 0, 1, 1. Zoology: 2, 1, 0, 0. School of Theology: 6, 1, 0, 1. Conservatory of Music: 21, 3, 10, 6.

Enrolment for year ending June 30, 1926, 1,866: Men, 780; women, 1,086. College of Arts and Sciences, 1,351: Men, 651; women, 700. Graduate School of Theology: Men, 47; women, 7. Conservatory of Music: 389: Men, 58; women, 331.

Summer session of 1925, 79: Men, 31; women, 48.

The total number of students who have been in attendance in any department of Oberlin College at any time during the ninety-three years of Oberlin's history, correct to date of June 30, 1926, is 48,302. Of this total, 8,943 graduates and 39,359 were non-graduates. In the early years of the institution the department of the Conservatory of Music and the preparatory department enrolled large numbers of students who did not remain for graduation.

Degrees conferred year ending June 30, 1926, 316: Men, 139; women, 177: A.B., 228; A.M., 23; Mus.B., 24; Sch. Mus.B., 17; D.B., 18; S.T.M., 1; Mus.M., 5. Honorary: A.M., Mus.D., D.D., L.H.D., LL.D., 9. In addition there were 20 diplomas issued for the completion of the work of the Teachers' Course in Physical Education; 8 of these were in the course for men and 12 in the course for women. All of the graduates of the Teachers' Course in Physical Education were also graduates of the College of Arts and Sciences. Total number of degrees conferred since the foundation of the College is 10,815: College of Arts and Sciences: 8,079: A.B., 6,186; Ph.B., 309; S.B., 31; L.B., 207. Other graduates of the Literary Course, 759. Certificate of the "Teachers Course," 1. Certificate of the Teachers Course in Physical Education, 485. Honorary War Membership, 101. Graduate School of Theology, 933: D.B., 540. Diploma of Classical Course, 323. Diploma of English Course, 70. Conservatory of Music, 589: Mus.B., 461. Diploma of Graduation (old course), 70. Sch. Mus.B., 58. Masters' degrees (earned), 911. A.M., 893. S.M., 2. S.T.M., 8. Mus.M., 8. Honorary degrees: 276: A.M., 133; Mus.M., 1; D.D., 69; Mus.D., 3; Litt.D., 9; Sc.D., 8;

LL.D., 53. Slavic Course: Diplomas of Graduation, 27.

Fees: In College of Arts and Sciences the tuition fees are $6.67 a credit hour a semester. For full schedule of 16 hours each semester the yearly fee is $213.33. Diploma fee, $7. Laboratory and breakage fees in sciences, and studio fee in practical courses in Fine Arts. Board in college houses is $6 a week. Rooms from $1.50 a week to $5.50, average for men being $3 and for women $3.50. Total annual expenses range from $518 to $725, including college fees, board, room and books. In Conservatory of Music, the necessary expenses are about $200 more than in the College of Arts and Sciences because the instruction in musical subjects is in large part personal, involving extra expense; in the Graduate School of Theology the expenses are approximately $200 less because of freedom from term bills.

Scholarship and loan funds, aggregating $575,013, in hands of the Treasurer. There are 20 graduate scholarships ($200 a year) for graduate students, available for candidates for A.M. degree.

The Grasselli Research Fellowship, $500, is granted to a student doing graduate research Chemistry at Oberlin College.

Employment bureau: The Bureau of Appointments gives some assistance to undergraduate students, but is concerned chiefly with the placing of graduates; 336 graduates of the College made use of the bureau during the year 1925–26. In placing graduates in non-teaching positions the Secretary of the Bureau acts in cooperation with the Vocational Information Service Bureau. Approximately 10 per cent of the women of the College of Arts and Sciences are self-supporting. From 40 to 50 per cent of the men of the College are self-supporting.

Dates of beginning and ending sessions: Registration, first semester, September 16 and 20, 1927; second semester begins February 6, 1928; college year ends June 18, 1928.

Summer session: June 20–August 8, 1928. During the Summer session of 1925, 36 courses were offered by 15 members of 14 departments. Attendance: 81 men and 99 women. Of this number 101 were registered as students in Oberlin College during the year 1925–26.

Publications: Catalog in January. Annual Reports of President and Treasurer in December.

Achievements of year ending June 30, 1926: In addition to financial record given above, completion of Allen Hospital; creation of joint Council of representatives of students and faculty; adoption of "Freshman Week" plan.

Administrative officers: President, Ernest Hatch Wilkins; Secretary, George M. Jones; Dean of the College of Arts and Sciences, Charles N. Cole; Dean of the Graduate School of Theology, Thomas W. Graham, D.D.; Director of the Conservatory of Music, Frank H. Shaw; Registrar of the College of Arts and Sciences, F. Isabel Wolcott. Officer in charge of foreign students, Professor Philip D. Sherman.

OCCIDENTAL COLLEGE

LOS ANGELES, CALIFORNIA

College of Liberal Arts and Sciences.

Founded April 20, 1887 as the Occidental University of Los Angeles. Name changed July 8, 1892 to the Occidental College of Los Angeles. Moved to present site in 1914. School of Education established 1922.

Self-perpetuating board of trustees. All must be citizens of the United States and members of some Evangelical Church.

Endowment: $777,007.69. Income from endowment, $39,471.12. Total annual expenditures year ending June 30, 1925, $211,605.21. Budget, 1926–1927, $273,300. General gifts, $26,203.53. Gift for building, $50,000.

Grounds and buildings: Residence halls for men (55); women (75). Total value of grounds (95 acres), $210,031.69. Total present worth of buildings, $701,976.51. Total value of grounds, buildings, and equipment, $1,008,811.36.

Library (1924), 30,000 volumes; 125 current periodicals.

Laboratories for Chemistry, Physics, Biology, Geology, Botany, Domestic Science, Drawing.

Health program: Physical examination required. Gymnasium (1921).

Admission requirements: 15 units, including English 2, Algebra 1, Geometry 1, Foreign Language 2, U. S. History 1, Science 1.

Degree requirements: 124 units. Major, not less than 18 units upper division courses. Minor, not less than 6 units of upper division courses. Required subjects: Physical Education, 2 units; Religion 4, Foreign Languages 15, Natural Sciences 12, English 9, History, Economics or Political Science 6, Mathematics or Philosophy 6.

Departments and Staff: Chemistry: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Drawing: 0, 0, 1, 0. Economics and Sociology: 2, 0, 0, 4. Education: 2, 0, 1, 2. English: 2, 2, 1, 1. Geology and Botany: 1, 0, 0, 2. Greek: 1, 0, 1, 0. History: 3, 0, 0, 0. History of Art: 0, 1, 0, 0. Hygiene and Health: 0, 1, 2, 0. Latin: 1, 0, 2, 0. Mathematics: 1, 0, 2, 0. Modern Languages: 3, 1, 1, 2. Music: 1, 0, 1, 0. Philosophy: 2, 0, 0, 1. Physical Education: 2, 0, 0, 4. Physics: 1, 0, 1, 0. Political Science: 1, 0, 1, 0. Religion: 3, 0, 0, 0. Speech Education: 1, 0, 0, 1. Zoology: 1, 0, 1, 2.

Enrolment for year ending June 30, 1926: 635: Men, 346; women, 289.

Degrees conferred year ending June 30, 1926: A.B., 108. Total number degrees conferred since foundation, 1,093.

Fees: Tuition, $250 a year; graduation, $10; room, $75 to $250. Annual expenses: Liberal, $1,100; low, $550; average, $750.

Dates of beginning and ending sessions: September 20, 1927; June 7, 1928.

Summer session: June–July. Attendance, 1925, 350.

Catalog in March. President's report.

Achievements of year ending June 30, 1926: A new campus at Santa Monica, on which a College for men is to be built; the women will remain on the old campus. Gift for a Women's Dormitory. Gymnasium under construction.

Administrative officers: President, Remsen D. Bird; Dean, Thomas Gregory Burt; Dean of Men, Robert G. Cleland; Dean of Women, Irene T. Myers; Registrar, Professor Lowell J. Chowner.

THE OHIO STATE UNIVERSITY

COLUMBUS, OHIO

State University for Men and Women.

Land-grant provision accepted by act of February 9, 1864. 1870 "Ohio Agricultural and Mechanical College" located at Columbus, chartered by State. College opened 1873. In 1878 name changed to "The Ohio State University."

Board of 7 Trustees appointed by Governor of State and confirmed by Senate, for terms of 7 years.

Graduate School: College of Agriculture; College of Arts, Philosophy and Science; College of Commerce and Journalism; College of Dentistry; College of Education; College of Engineering; College of Law; College of Medicine; College of Pharmacy; College of Veterinary Medicine.

Financial resources: Endowment, $1,133,721. Income from endowment, $64,236.88. Income from other sources: Students' fees, $524,649.67; Federal Aid, $278,775.06; State Aid, $4,384,657.44; Gifts for Current Expenditures, $7,183.55; Agricultural Extension, $207,436.59; Departmental Earnings, $160,329.70; Income for Designated Purposes, $120,263.11; Dormitories and Dining Halls, $99,314.57; Commercial Accounts, $461,685.06. Total income, $6,308,531.63. Annual Expenditures, $6,250,962.82. Budget, 1926–27, $6,500,000.

Grounds and buildings: Value of grounds (1,108.16 acres), $3,241,826.34. Value of buildings, $8,236,142.53.

Library (1912), 300,000 volumes; 2,294 current periodicals. Department Libraries: Chemistry, Engineering, Law, Commerce, Geology, Medicine, Botany and Zoology.

Laboratories: Agricultural Chemistry, Agricultural Engineering, Anatomy, Animal Husbandry, Architecture and Architectural Engineering, Bacteriology, Botany, Ceramic Engineering, Chemistry, Civil Engineering, Dairying, Dentistry, Electrical Engineering, Engineering Drawing, Geology, Histology, Home Economics, Horticulture, Industrial Arts, Mechanical Engineering, Medical Research, Military Science and Tactics, Mine Engineering, Metallurgy, Mineralogy, Pathology, Pharmacy, Photography, Physical

Education, Physics, Poultry Husbandry, Psychology, Rural Economics, Soils, Veterinary Medicine, X-ray, Zoology and Entomology, Lake Laboratory. Clinics: University Hospital; St. Francis Hospital, Children's Hospital, Columbus State Hospital, Franklin County Sanatorium, State Street Dispensary, Dental Operative Clinic.

Museums: Archæological and Historical, Botanical, Ceramic, Geological, Veterinary Anatomy, Zoological.

Emerson McMillin Observatory: 12-inch equatorial telescope and others.

Health program: Required physical examinations for new students; prescribed corrective exercises. Gymnasium; Stadium (62,000 seats), cost $1,500,000. Student Health service.

Admission requirements: *For Colleges of Arts, Philosophy and Science, Agriculture, Commerce and Journalism, Education, Engineering, Pharmacy and Veterinary Medicine:* a diploma from approved high school or by examination in high school subjects to the amount of 15 units. *For College of Dentistry:* (a) high school education of 4 years; (b) one year of predental work including Biology, Chemistry, English, Physics in approved college. *For College of Law:* high school education of 4 years; 2 years college work. *For College of Medicine:* high school education of 4 years; at least 2 years of college work including Biology, Chemistry (inorganic and organic), English and Physics. Applicants considered on basis of scholarship, character and general fitness.

Degree requirements: *For Colleges of Arts, Philosophy and Science, Agriculture, Commerce and Journalism and Education:* 190 quarter credit hours. *For Colleges of Engineering, Medicine, Pharmacy and Veterinary Medicine:* 4 years prescribed curriculum and thesis. *For College of Law:* 3 years prescribed curriculum.

General requirements: One year Physical Education required. Military Science required of all students in first two years.

Departments and Staff: Accounting: *Professors,* 2; *Assistant Professors,* 0; *Instructors,* 5. Agricultural Chemistry: 1, 2, 1. Agricultural Education: 1, 3, 5. Agricultural Engineering: 2, 1, 2. Agricultural Extension: 1, 1, 0 (102 *Assistants*). Anatomy: 1, 3, 2. Animal Husbandry: 5, 0, 0. Applied Optics: 1, 0, 1. Architecture: 4, 0, 3. Astronomy: 1, 1, 0. Bacteriology: 2, 1, 3. Bibliography: 1, 0, 0. Botany: 4, 3, 3. Bureau of Business Research: 2, 3, 1. Bureau of Educational Research: 1, 3, 0 (10 *Assistants*). Business Organization: 7, 6, 3. Ceramic Engineering: 1, 1, 2. Chemical Engineering: 1, 0, 3. Chemistry: 6, 4, 0. Civil Engineering: 7, 2, 3. Classical Languages: 4, 0, 1. Commerce Extension: 1, 2, 1. Dairying: 2, 1, 1. Dentistry: 3, 4, 9. Economics: 4, 1, 3. Electrical Engineering: 2, 3, 2. Engineering Drawing: 4, 3, 5. English: 8, 5, 14. European History: 2, 2, 4. Farm Crops: 2, 1, 2. Fine Arts: 2, 1, 6. Geography: 3, 1, 0. Geology: 2, 1, 6. German: 3, 2, 1. History of Education: 1, 0, 2. Home Economics: 3, 3, 5. Horticulture and Forestry: 5, 2, 2. Industrial Engineering: 1, 2, 0. Journalism: 2, 1, 3. Law: 5, 1, 0. Mathematics: 7, 8, 2. Mechanical Engineering: 4, 4, 4. Mechanics: 2, 1, 1. Medicine: 5, 5, 10. Metallurgy: 2, 1, 0. Military Science: 1, 17, 12. Mine Engineering: 2, 0, 1. Mineralogy: 1, 0, 1. Music: 1, 0, 0. Obstetrics: 1, 1, 0. Ophthalmology and Oto-Laryngology: 2, 4, 3. Pathology: 2, 3, 2. Pharmacy: 1, 1, 3. Philosophy: 3, 1, 2. Physical Education: 6, 5, 8. Physics: 4, 2, 3. Physiological Chemistry: 1, 1, 1. Physiology: 2, 3, 3. Political Science: 2, 0, 2. Poultry Husbandry: 1, 0, 0. Principles of Education: 5, 1, 4. Psychology: 5, 6, 8. Public Health: 2, 2, 0. Romance Languages: 4, 6, 7. Rural Economics: 1, 4, 2. School Administration: 2, 2, 1. Sociology: 5, 1, 5. Soils: 1, 1, 2. Surgery and Gynecology: 4, 6, 4. Veterinary Medicine: 5, 3, 2. Vocational Education: 3, 0, 0. Zoology and Entomology: 5, 3, 3. See also Chapters V–VI.

Enrolment year ending June 30, 1926: Graduate School, 770; Agriculture, 876; Applied Optics, 41; Arts, 2,093; Arts-Education, 131; Commerce and Journalism, 1,849; Dentistry, 194; Education, 1,515; Engineering, 1,499; Law, 324; Medicine, 320; Pharmacy, 295; Veterinary Medicine, 56. Total number of students, 1925–26, including summer quarter students, winter courses in Agriculture, Poultry and Dairying, Lake

Laboratory and Extension courses in Vocational Education, Commerce and Journalism, 12,085.

Degrees conferred during year ending June 30, 1926: Graduate School, 228; College of Agriculture, 167; Applied Optics, 8; College of Arts, Philosophy and Science, 286; College of Commerce and Journalism, 211; College of Dentistry, 18; College of Education, 328; College of Engineering, 175; College of Law, 71; College of Medicine (76 degrees; 12 certificates), 88; College of Pharmacy (23 degrees; 100 certificates), 123; College of Veterinary Medicine, 20. Total, 1,723.

Fees and other expenses: Matriculation, $10; graduation, $5 for Bachelor's degree; $10 for Master's and Doctor's degrees; incidentals, $15 each quarter except College of Dentistry, $50; College of Law, $35; College of Medicine, $60. Tuition fee payable by students who are not legal residents of State of Ohio.

Scholarships and fellowships: Graduate assistantships ($500 and remission of fees) in several departments for graduate students who devote not to exceed one half of their time during three quarters to assisting in work of department. Scholarships ($300 and remission of fees). Fellowships ($500 and remission of fees).

Dates of beginning and ending of sessions: Quarter system beginning about October 1.

Summer sessions: June 15 to September 30. Attendance, 1926, 2,550.

University Extension work in Agriculture, Commerce and Journalism.

Publications: Annual catalog in May. President's report in September. University press.

Administrative officers: President, G. W. Rightmire; Registrar, Edith D. Cockins; University Examiner, Bland L. Stradley; Dean of Women, Jessica Foster; Dean, Graduate School, William McPherson; Dean, Agriculture College, Alfred Vivian; Dean, Arts, Philosophy and Science, William E. Henderson; Dean, Commerce and Journalism, C. O. Ruggles; Dean, College of Dentistry; Harry M. Semans; Dean, School of Education, George F. Arps; Dean, College of Engineering, Embury A. Hitchcock; Dean, Law School, John J. Adams; Dean, College of Medicine, Eugene F. McCampbell; Dean, College of Pharmacy, Clair A. Dye; Dean, College of Veterinary Medicine, David S. White.

OHIO UNIVERSITY

ATHENS, OHIO

University comprising College of Liberal Arts and College of Education. Coeducational. State control.

February 18, 1804, Ohio Legislature passed an act "establishing a university in the town of Athens." In June, 1804, organization was effected.

Board of 22 Trustees; 15 life members; 7 appointed for 7 years.

Financial resources: Endowment, $72,272.77. Income from endowment, $8,224.04. Income from other sources: Student fees, $142,411; State appropriations for additions and betterments, $286,500; State appropriations for maintenance, $485,666.35.

Grounds and buildings: Residence halls accommodate 400 women. Buildings and grounds (40 acres), $2,194,784.89. Equipment and furniture, $616,072.25. Memorial Auditorium under construction at a cost of $300,000.

Library (1900), 80,000 volumes, including 30,000 government documents; 200 current periodicals. Special collection: Late 17th and early 18th century English Literature.

Laboratories: Science Hall (1909). Super Hall (1923); Agricultural Building (1913); Approximate cost, $400,000. Value of equipment in all departments, $50,000.

Health program: Physical Education required of all Freshmen and Sophomores. Physical examination required at beginning of each year. Women's Gymnasium (1900). Men's Gymnasium (1923). Athletic field. Infirmary; two graduate nurses.

Admission requirements: 15 units. No conditions allowed.

Degree requirements: 124 semester hours; 124 points. College of Liberal Arts: Major 36 semester hours; Minor 18 semester hours. Not more than 60 hours in any one group. College of Education: Major 24 to 36 semester hours; Minor.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 2; *Assistant Professors*, 2; *Instructors*, 2. Agriculture: 1, 1, 0, 1. Biology: 1, 0, 2, 1. Chemistry: 2, 1, 0, 1. Civic Biology and Botany: 1, 0, 1, 0. Civil Engineering: 1, 0, 1, 0. Classical Languages: 2, 0, 0, 0. Commerce: 1, 3, 2, 7. Economics: 1, 1, 0, 0. Education: 8, 0, 1, 0. English: 5, 5, 2, 1. Geography and Geology: 1, 0, 1, 0. German: 0, 1, 0, 0. History: 3, 1, 0, 0. Home Economics: 0, 1, 0, 3. Industrial Education: 1, 0, 1, 0. Mathematics: 2, 1, 0, 0. Music: 1, 2, 0, 13. Philosophy: 1, 0, 0, 0. Physical Education: 1, 3, 0, 6. Physics and Electrical Engineering: 1, 0, 2, 0. Psychology: 1, 2, 2, 1. Public Speaking: 1, 0, 1, 0. Romance Languages: 2, 0, 3, 0. Sociology: 1, 1, 0, 0. Teacher Training: 64 teachers in all grades and high school.

Enrolment for year ending June 30, 1926: 2,712: College of Education, 1,543; College of Liberal Arts, 1,169. Special students, 244. Grand total, 2,956: Men, 1,120; women, 1,836.

Degrees conferred year ending June 30, 1926, 213. Total number of degrees conferred since foundation, 2,690. (B.S. in Ed.; B. of Mus.; B.S. in E.E.; A.B. in Com.; A.B.; B.S. in C.E.; B.S.S.)

Fees and other expenses: $35 a semester; music fee extra; graduation, $5; laboratory fees range from $1 to $4 a semester. Lodging and board average $7 a week.

Dates of beginning and ending sessions: First semester, September 19, 1927; February 3, 1928; second semester, February 6 to June 12, 1928.

Summer session: June 18 to August 17, 1928; 30 departments offered 195 courses in 1925. Attendance, 1925, 1,175.

University Extension enrolled 925 students.

Publications: Catalog in April. President's Report annually, in July.

Bibliographical references: Martzolff, "History of Ohio University."

Administrative officers: President, Elmer Burritt Bryan; Dean, College of Liberal Arts, Edwin Watts Chubb; Dean, College of Education, Thomas Cooke McCraken; Dean of Women, Irma E. Voigt; Registrar, Frank B. Dilley.

OHIO WESLEYAN UNIVERSITY

DELAWARE, OHIO

University. Coeducational. Privately controlled. Methodist Episcopal.

Ohio Wesleyan University founded under patronage of Methodist Episcopal Church in 1841. Charter granted in 1842. In 1844 College of Liberal Arts opened. In 1877 Ohio Wesleyan Female College, established in Delaware in 1853, was incorporated in the University. In 1896 the Cleveland College of Physicians and Surgeons, established in 1863, became an integral part of the institution. This school was combined with the medical department of Western Reserve University in June, 1910. College maintains a Conservatory of Music.

Board of 50 Trustees elected from Patronizing Conferences and Alumni.

Endowment: $1,900,000. Income from endowment, $102,660. Income from other sources, $404,670. Total annual expenditures, $498,765. Budget, 1926–27, $528,430. In Development Program, $815,000 pledged, largely by alumni, to meet conditions of General Education Board conditional grant of $400,000 for endowment.

Grounds and buildings: Total value of grounds (107 acres), $131,700. Total value of buildings, $1,730,707. Value of grounds, buildings and equipment, $2,187,900.

Library (1898), 100,602 volumes; 732 current periodicals.

Laboratories: Sturges Hall: Chemistry, $24,000. Merrick Hall (1880): Zoology and Geology, $56,670. Elliott Hall (1820): Physics, $31,500. Psychology Laboratory (1888), $4,500.

Perkins Observatory: 9½-inch refractor and 61-inch reflector.

Health program: Physical examination of entering students. Physical education required during first two years. Athletic field. Edwards Gymnasium. Hospital and Relief Association organized by students provides for medical attention in case of illness, fee being $2.25 a semester.

Admission requirements: 15 units, including English 3, History 1, Mathematics 2½, Physics, Chemistry, Botany, Zoology, Biology or Geology, 1; Latin, Greek, German,

French or Spanish, 4; additional units in these or other subjects 3½.

Degree requirements: 124 credit hours including 4 of Physical Education; 124 points; major not less than 21 hours; minor, not less than 12. Honors courses.

Chapel attendance required. At least 2 years residence in this institution required for degree.

Departments and Staff: Applied Chemistry: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 1, 0, 0, 1. Botany: 1, 0, 0, 1. Chemistry: 1, 1, 1, 0. Economics and Business Administration: 1, 2, 1, 2. Education: 3, 0, 3, 1. Engineering: 0, 1, 0, 0. English: 4, 1, 3, 5. English Bible: 2, 0, 3, 0. Fine Arts: 1, 0, 0, 4. Geology: 1, 0, 0, 0. German: 1, 0, 0, 1. Greek: 0, 1, 0, 0. History: 2, 1, 1, 1. Home Economics: 1, 0, 0, 2. Latin: 1, 1, 0, 1. Mathematics: 1, 1, 1, 1. Missions: 0, 1, 0, 0. Music: 1, 0, 0, 14. Oratory: 1, 1, 3, 3. Physical Education: 1, 2, 1, 8. Physics: 1, 2, 0, 0. Political Science: 1, 1, 0, 2. Psychology: 1, 0, 0, 3. Religious Education: 1, 0, 0, 0. Romance Languages: 2, 1, 3, 8. Sociology: 1, 1, 1, 1. Zoology: 1, 1, 0, 0.

Enrolment for year ending June 30, 1925, 1,997 (including Conservatory, 68).

Degrees conferred year ending June 30, 1926, 345. Total number of degrees conferred since foundation, 7,969. Liberal Arts, 7,274; Medical, 376; Music and Fine Arts, 373; M.A., 48.

Fees: Tuition, $200 a year; graduation, $5; laboratory, $1.50 to $36 a semester; room and board in women's halls, $310 to $370 a year. Annual expenses: Liberal, $651.50; low, $547.50.

Scholarships: Fund of $30,000 granted annually.

Dates of beginning and ending sessions: First semester, September 21, 1927; January 28, 1928. Second semester, February 1; June 13, 1928.

Publications: Catalog in January. President's report in January.

Administrative officers: President, John Washington Hoffman, D.D.; Dean of College, William Emory Smyser; Dean of Men, William L. Sanders; Dean of Women, Eugenie R. Overturf; Registrar, Thomas E. Steckel; Director of School of Music, Harrison D. LeBaron; Director of School of Fine Arts, Sallie T. Humphreys; Officer in charge of foreign students, Albert E. Suthers.

OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE

STILLWATER, PAYNE COUNTY, OKLAHOMA

Land-grant college; coeducational.

The institution, with its Agricultural Experiment Station, was established by an Act of the First Territorial Legislature, effective December 25, 1890. A locating board was appointed June 1, 1891, and on July 11 this board reported to the Governor that the institution had been located on 200 acres of land immediately joining the city of Stillwater. Formally opened on December 14, 1891.

Board of 5 Regents which is also the State Board of Agriculture for Oklahoma, the President of which is elected for 4 years by the people of the State. The other 4 members are appointed for periods of 4 years by the Governor, with the approval of the State Senate.

Resident instruction in Division of Agriculture, the Division of Engineering, the Division of Home Economics, the School of Science and Literature, the School of Education, and the School of Commerce. In addition, a Training High School, limited to 100 students, is maintained for practice teaching. Research in Agriculture, under the Hatch, Adams, and Purnell Acts; in Home Economics under the Purnell Act; and in Engineering. Extension work is carried on in Agriculture and Home Economics with the United States Department of Agriculture cooperating, under the Smith-Lever Act. General extension work, and courses in correspondence study.

Total income from Federal Government and the State, $1,322,734. Lew Wentz Foundation of $50,000 established in 1927 to afford loans to upper class students.

Grounds, 1,000 acres, 120 of which is the campus, remainder being devoted to farms. 36 buildings. Two residence halls for men

and two for women (530). Estimated value of grounds, buildings and equipment and live stock, $3,000,000.

Library (1920), 45,000 volumes, including 9,000 government documents; 447 current periodicals; 26,000 pamphlets.

Laboratories: Agricultural Building, containing Agricultural Chemical research, Horticulture, Agricultural Economics, and Entomology and Agronomy laboratories; Agricultural Engineering building, Poultry building; Animal Husbandry building, with stock-judging pavilion; Apiary, Greenhouse; Engineering Hall, containing Civil, Electrical, Mechanical and Architectural laboratories; Shops, containing wood and metal-working laboratories; Science Hall, with Chemistry and Chemical Engineering laboratories; Dairy building, and the Home Economics building.

Health program: College physician. Infirmary. Nurse. All Freshmen are given physical examinations. Men required to take one year of physical education and two years of military drill; women required to take two years of physical education. Gymnasium. Athletic fields.

Admission requirements: 15 units. No students admitted with less than 15 units.

Degree requirements: 204 to 210 quarter hours of credit, depending on the course or division. The first two years in all divisions are prescribed. Major of 36 credit hours; minor of 18 quarter hours in two minor subjects in science courses in Agriculture, Engineering, and Home Economics. Two years of military training required. One year of physical education for men, and two years for women required. B.S. and M.S. degrees offered in schools of Agriculture, Home Economics, Science and Literature, Commerce and Education. B.S. offered in School of Engineering, and professional degrees in Mechanical, Electrical, Civil and Architectural Engineering.

General requirements: No motor cars are permitted except when registered with the college for business purposes.

Departments and Staff: School of Science and Literature: Botany and Plant Pathology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 2; *Instructors*, 0. Chemistry: 1, 2, 2, 2. English: 2, 1, 10, 2. Foreign Languages: 1, 0, 1, 2. History: 1, 1, 2, 0. Mathematics: 2, 0, 2, 2. Music: 1, 0, 5, 3. Physics: 1, 0, 1, 1. Physical Education: 3, 0, 5, 1. Speech: 1, 0, 1, 0. Veterinary Medicine and Bacteriology: 1, 1, 1, 1. Zoology: 1, 0, 1, 1. School of Agriculture: 14, 9, 12, 4. School of Engineering: 5, 4, 12, 1. School of Home Economics: 3, 1, 4, 6. School of Education: 3, 2, 5, 4. School of Commerce: 3, 2, 3, 4.

Enrolment for year ending June 30, 1926: Regular term including Summer quarter: 3,979: Men, 2,670; women, 1,309. Graduates, 49; School of Agriculture, 328; School of Engineering, 514; School of Home Economics, 292; School of Science and Literature, 473; School of Education, 484; School of Commerce, 462; Specials, 147; Secondary, 94. Summer session (excluding Cotton School), 1925, 1,546. Summary of total enrolment: 5,159: Regular term, 3,979; short courses, 320; correspondence students, 860.

Degrees conferred, 1925–26: B.S., 232; M.S., 16. Total number of degrees conferred since foundation, 2,055.

Fees and other expenses: A student deposit of $2.50, plus additional breakage, is required each quarter; student activity ticket, $3; student daily, $1; typewriting fee of $1.25 or $2.50 (according to course); individual lessons in music, $9; out of State fee, $10 a quarter and $5 for summer quarter. Board and room ranges from $30 to $35 a month. Books supplied at cost at college-owned bookstore. Low average annual living expenses, $400; high average, $550.

Scholarships and fellowships: Five $100 Jerome Katz Memorial Scholarships; 20 $500 fellowships in the sciences.

Employment bureau for students. Estimate 80 per cent of students earned part of their way in 1925–26.

Dates of beginning and ending sessions: First semester, 1927, September 12; January 26. Second semester, January 27–May 29, 1928.

Summer session: June 1; July 28, 1928. 45 departments offer 250 courses. Attendance, 1925, 1,546.

Extension: In Agriculture and Home Economics extension work there are approximately 43,000 boys and girls enrolled in 4-H club work; about 5,000 farmers doing de-

monstration work under county agents; and 10,000 farm women workers working regularly with home demonstration agents. There are country agents in 70 of the 77 counties, and home demonstration agents in 54 counties. Three-fourths of farm families of the State are reached directly.

College catalog in July.

Achievements of year ending June 30, 1926: $607,000 worth of new buildings constructed. Establishment of Lew Wentz Foundation.

Administrative officers: President, Bradford Knapp; Dean of Agriculture, Carr Thomas Dowell; Dean of Engineering, Edward Parkman Boyd; Dean of Home Economics, Nora Amaryllis Talbot; Dean of Science and Literature, Clarence Hamilton McElroy; Dean of Education, Herbert Patterson; Dean of Commerce, John Winfield Scott; Registrar, L. W. Burton; Assistant to the President, Earle C. Albright, in charge of foreign students.

OKLAHOMA COLLEGE FOR WOMEN

CHICKASHA, GRADY COUNTY, OKLAHOMA

College for women, including Arts and Sciences and a School of Fine Arts. State controlled.

Founded May 16, 1908. Separate Board of Regents created in 1919. 1916 name changed to Oklahoma College for Women.

Board of Regents composed of President, Secretary, and 3 members.

Financial resources: Appropriations made by State Legislature. Total annual expenditures, June 30, 1926, $209,770. Budget, 1926–1927, $159,770. Special appropriation of $50,000 to extend Auditorium.

Grounds and buildings: Residence halls for women (380). Total value of grounds (45 acres), $50,000. Total present worth of buildings, $1,200,000. Total value of grounds, buildings and equipment, $1,250,000.

Library (1911), 12,000 volumes; 99 current periodicals.

Laboratories: Home Economics Building (1923), cost $170,000. Value of equipment: Physics and Chemistry, $2,500; Biology, $2,500.

Health program: Physical examination twice a year. Gymnasium (1911). Athletic fields. College physicain.

Admission requirements: 16 units, including English 3, Algebra 1, Plane Geometry 1, one Foreign Language 2, History 1, Science 1.

Degree requirements: 124 hours; 124 honor points. Major, 20 hours. Not more than 30 or less than 5 electives to be from each of these groups: Language, Mathematics, Natural Science, Social Science.

Chapel attendance required.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*,1; *Instructors*, 1. Biology: 1, 1, 0, 0. Chemistry: 1, 1, 0, 0. Classical Language and Literature: 1, 0, 0, 0. Commerce: 1, 1, 0, 0. Education: 1, 1, 0, 0. English: 1, 1, 1, 0. French: 1, 1, 0, 0. German: 0, 1, 0, 0. History: 1, 2, 0, 0. Home Economics: 1, 2, 1, 0. Mathematics: 1, 1, 0, 0. Music: 0, 3, 2, 3. Physical Education: 1, 0, 1, 0. Psychology and Philosophy: 1, 0, 0, 1. Public Speaking: 1, 0, 0, 2. Sociology: 0, 1, 0, 0. Spanish: 0, 2, 0, 1.

Enrolment for year ending June 30, 1926, 726. Total number of matriculates since foundation, 6,343.

Degrees conferred year ending June 30, 1926: 61: A.B., 40; B.S., 17; B.M., 4. Total number of degrees conferred since foundation: 240: A.B., 155; B.S., 55; B.M., 28; B.O., 2.

Fees: Matriculation, $5; laboratory, $2.50; room and board, $22.50. Annual expenses, average, $350.

Scholarships: Six amounting to $900 annually. Loan fund of $1,000 available annually.

Employment Bureau: Nine and one-half per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 12, 1927; May 30, 1928.

Publications: Catalog in June. President's report in June.

Administrative officers: President, G. W. Austin; Dean of School of Arts and Science, Howard Taylor; Dean of School of Fine Arts, Frances D. Davis; Dean of Women, Julia Lee Hawkins; Registrar, Anna Lewis.

OREGON STATE AGRICULTURAL COLLEGE

CORVALLIS, OREGON

State agricultural and technical college, supported by the State and nation, with schools of Basic Arts and Sciences, Commerce, Engineering, Forestry, Home Economics, Mining, Pharmacy, and Vocational Education, as well as Agriculture, and liberal facilities for such general training as Physical Education, Military Science, Music, etc. Coeducational.

Founded in 1868 by act of the State Legislature in assigning to Corvallis College, a private institution under the control of the Methodist Episcopal Church, South, the interest on the funds to be derived from the sale of the Government land allotted to Oregon under the educational land-grant act of 1862. In 1885 the church voluntarily relinquished its claim upon the College, and the State assumed entire control. Scientific instruction in Agriculture began in 1873; Home Economics, 1889; Engineering, 1889; Pharmacy, 1898, and Commerce, 1901. Mining introduced in 1902; Forestry in 1906, and Vocational Education in 1907. Experiment Station organized in 1888 and Extension Service in 1912.

Board of Regents of 4 ex officio members, including the Governor, Secretary of State, Superintendent of Public Instruction, and Master of the State Grange, and 9 members appointed by the Governor, with the approval of the Senate, for terms of 9 years.

Sources of income for fiscal year 1925–26: $2,235,687: From the State of Oregon, $1,391,237. From the U. S. Government, $198,272. From miscellaneous, $422,965. From Oregon Counties, $74,345. From Board of Control (incidental fees, $47,016; other cash receipts, $101,852), $148,868. Expenditures same as income.

Grounds and buildings: Campus of 91 acres. Experiment Station plots and College farms comprise 495 acres. In addition, the Experiment Station has 1,221 acres in seven different sections of the State. For forestry purposes College owns also 512 acres, and for purposes of scientific management has at its disposal 75,000 acres of State forest. Three halls of residence for women (500); one for men (175). Present value of plant at Corvallis: $5,427,219: Buildings, $3,295,811; grounds, $628,633; equipment and general, $1,502,775.

Library (1918), 70,000 volumes, including 2,500 government documents; 750 current periodicals.

Laboratories: Buildings devoted largely to laboratories, with respective valuations: Agricultural Engineering, $26,835; Agriculture Hall, $230,837; Apperson Hall (Engineering), $95,192; Dairy, $70,936; Engineering, $128,600; Forestry, $101,130; Home Economics, $246,193; Horticultural Products, $39,140; Engineering Shops, $76,056; Mines and Geology, $41,107; Pharmacy, $98,557; Science Hall (Chemistry), $131,315. In addition, laboratories or studios are located in Administration, $51,295; Commerce, $198,149; the Library, $227,100, and other buildings. The Greenhouses, $6,809; Stock Judging Pavilion, $6,633; Veterinary Clinic, $6,883; and Poultry Houses, $25,463, are devoted entirely to practical instruction and investigation. Science Laboratories: Botany, Bacteriology, Chemistry, Physics, Zoology and Entomology (28 laboratories). Technical Laboratories: Agriculture, Chemical Engineering, Commerce, Engineering, Forestry, Home Economics, Military Science, Mines, Pharmacy, Vocational Education (108 laboratories).

Museums: Hill collection of Natural History; E. E. Boord collection of animals of the Pacific Northwest and the Far North; Wiggins collection of American historical weapons.

Health program: Health examination is required of all matriculates. Men's Gymnasium (1915, 1921). Present worth, $172,825. Women's Gymnasium (1926), cost $350,000 including equipment. Athletic fields. Two resident physicians, four resident graduate nurses. Infirmary and College hospital.

Admission requirements: 15 units, including English 3, Elementary Algebra 1, Plane Geometry 1. At least 5 additional units must be presented from English, Mathematics, Foreign Languages, Laboratory Sciences, History (including Civics), and Eco-

nomics. One condition allowed in Mathematics if candidate has 15 other acceptable units. One year allowed for removal of condition.

Degree requirements: For bachelor's degree, 192 term credits of work (including 9 credits in Physical Education) required of women, and in the case of men 207 term credits (including 3 in Physical Education and 12 in Military Science and Tactics). These are the equivalent of 128 and 138 semester hours, respectively. Grade points equal in number to the credits required for a degree. Major and minor subjects, with specified basic work, and with provision for elective work. Before graduation every student must have completed: English Composition 9 credits, Economics 3, Political Science 3, Finance and Administration or Sociology 3, Biologic or Physical Science 9. Men must qualify in swimming. Candidates for the master's degree must submit a thesis. Military science required during first two years. Women students required to live in the halls of residence.

Departments and Staff: School of Basic Arts and Sciences: Art and Rural Architecture: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 3. Bacteriology: 1, 1, 1, 1. Botany: 2, 2, 1, 1. Chemistry: 2, 2, 3, 13. English: 1, 2, 3, 9. Entomology: 1, 2, 0, 1. History: 1, 1, 0, 1. Mathematics: 1, 2, 3, 3. Modern Languages: 1, 0, 2, 0. Physics: 2, 0, 1, 5. Zoology and Physiology: 1, 0, 2, 3. General Departments: Industrial Journalism: 1, 1, 0, 1. Library: 1, 1, 4, 0. Military Science: 1, 4, 6, 10. Physical Education: 3, 2, 2, 10. Music: 4, 0, 0, 6. School of Agriculture: 14, 6, 6, 14. School of Commerce: 5, 5, 6, 14. School of Engineering: 9, 4, 7, 11. School of Forestry: 2, 0, 1, 0. School of Home Economics: 4, 1, 1, 17. School of Mines: 1, 1, 0, 0. School of Pharmacy: 1, 0, 1, 4. School of Vocational Education: 5, 1, 2, 7.

Enrolment year ending June 30, 1926, 5,189: Men, 3,050; women, 2,139. Total number of matriculates since foundation, approximately, 20,000.

Degrees conferred, June 7, 1926, 476: M.S., 10; B.S., 449 (B.S. in Agriculture, 81; in Commerce, 109. In Engineering: Civil, 15, Electrical 40, Industrial Arts, 13, Mechanical 24. Total, 92. In Forestry, 9; in Logging Engineering, 6; in Home Economics, 67; in Mines, 5; in Chemical Engineering, 13; in Pharmacy, 10; in Vocational Education, 57). Pharmaceutical Chemist, 16; Music Certificate, 1. Total number of degrees conferred since foundation, approximately, 5,400.

Fees: Tuition free to Oregon residents; for others, $50 each term. Registration fee, each year, $10; incidental fee, $5.50 each term; physical education fee, men, $1.75, women, $2; certain minor fees, laboratory fees and deposits, etc. Diploma fee, $5. Music fees vary according to instructor. Average expenses for resident student, including living expenses but not including personal items such as clothing, car fare, and amusements, range from $400 to $600 annually.

Scholarships and fellowships: Ten to twenty teaching or research fellowships available annually to graduate students. Fellowships pay $75 a month. Bernard Daly Educational Fund provides funds for part or all of the college expenses of youths of Lake County, Oregon. Twenty-seven students in 1925–26 received grants, average being approximately $450 a year. International Friendship Scholarship of $500, maintained by the Home Economics club of the College, awarded annually to a graduate foreign student to pursue Home Economics study at the College.

Research funds: Agricultural investigations by the Experiment Station provided for by Federal funds, the Hatch Fund of $15,000 annually, the Adams Fund of $15,000 annually, and the Purnell Fund of $20,000 annually. In addition, Federal support for branch experiment stations totals about $10,500 annually. State funds for agricultural research amount to $62,500 annually, besides $54,500 for the support of the seven branch experiment stations.

Employment bureau: During the college year, 1925–26, 43 per cent of the students were entirely self-supporting; 36 per cent earned a part of their expenses.

Dates: First term, September 19, 1927; second term, January 3, 1928; third term,

March 26, 1928. Fifty-eighth Annual Commencement, June 8, 1928.

Summer session: June 18 to July 27, 1928. In 1925, 25 departments offered 105 courses. Attendance, 1925, 1,146.

Extension service in Agriculture and Home Economics supported by Federal funds ($87,500 annually) and State funds $100,000 annually). None of this instruction leads to college credit.

Publications: Catalog in the Spring. President's report biennially in autumn.

Achievements of year ending June 30, 1926: Memorial Union campaign, students and alumni completed a fund of $500,000. Freshman Week established. Radio Broadcasting regularly scheduled. A Class B Station, of 500 watts, KOAC, licensed to broadcast from the campus has provided programs, mostly technical, aggregating considerably over 300. Agricultural Economic Conference: Agricultural Economic Conference held at the College in 1924, adopted a State-wide program for Agriculture; sixteen counties completed their conferences and adopted local programs in conformity to the State program by the spring of 1926; in February the wheat growers of the State, in conference at Moro, also adopted a commodity program in harmony with the State program. This is the first instance of a State putting into effect a comprehensive and sustained program of agricultural production in conformity to economic principles. The Educational Exposition for 1926, attended by student and faculty delegates from practically all Oregon high schools, was devoted to a consideration of vocational and educational guidance.

Research: During the past year introduction of a new wheat named Regal, a strain requiring no treatment for smut control. Federation wheat, evolved by the Experiment Station, was seeded on 400,000 acres of Oregon wheat land in the spring of 1926, yielding an average of three bushels to the acre above that of ordinary spring wheat. Experiments in poultry breeding for vitality and production have resulted in notable records for flocks of Barred Plymouth Rocks. The cause of salmon poisoning in dogs has been discovered by the department of veterinary medicine to be due to a microscopic intestinal fluke, identified by the United States Department of Agriculture, Bureau of Industry, Zoological Division, as Nanophyetus Salmincola.

Administrative officers: President, William Jasper Kerr; Dean of Agriculture, Arthur Burton Cordley; Dean of Commerce, John Andrew Bexell; Dean of Engineering, Grant Adelbert Covell; Dean of Forestry, George Wilcox Peavy; Dean of Pharmacy, Adolph Ziefle; Dean of Home Economics, Ava Bertha Milam; Dean of Vocational Education, Edwin DeVore Ressler; Dean of Mines, Charles Edward Newton; Dean of Basic Arts and Sciences, M. Ellwood Smith; Dean of Women, Kate Wetzel Jameson; Dean of Men, Ulysses Grant Dubach; Director of Extension Service, Paul Vestal Maris; Director of Experiment Station, James Tertius Jardine; Director of Summer Session, M. Ellwood Smith; Director of Music, Paul Petri. Officers in charge of foreign students, Ulysses Grant Dubach; Kate Wetzel Jameson.

OKLAHOMA, UNIVERSITY OF

See: University of Oklahoma.

OREGON, UNIVERSITY OF

See: University of Oregon.

OTTAWA UNIVERSITY

OTTAWA, KANSAS

Name for bequests: Board of Trustees of Ottawa University.

Coeducational college; Baptist relationship.

Founded in 1866 by Indians (who gave 20,000 acres of land) and whites.

Self-perpetuating Board of 36 Trustees, three-fourths of whom must be members of Baptist Church. Kansas Baptist Convention nominates 10 each year, from whom 5 may be elected.

Endowment, $570,745.53. Income from endowment, $28,537.25. Other income, $78,000. Expenditures, 1926, $109,000. Campaign in progress for $750,000, $500,000 of which is for endowment.

Grounds and buildings: Total value of grounds, 33 acres, $44,184.16. Total present worth of buildings, $317,119.14. Total value of grounds, buildings and equipment, $427,486.49.

Library, 15,000 volumes; 65 current periodicals.

Laboratories: Science Hall (1912), cost $137,238; equipment, $24,000.

Health program: Athletic field. Gymnasium (1912). Infirmary for women.

Admission requirements: 15 units, including English 3, Mathematics 2, Science 1, History 1.

Degree requirements: 126 semester hours; 126 points. Prescribed courses: Chemistry 6 semester hours, English 6, Public Speaking 2, History or Social Science 6, Language other than English 20, Laboratory Science 8, Physical Training 6, Psychology or Philosophy 3. Major of 24 hours. Two minors of 12 semester hours each.

Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 2, 0, 0. Christianity: 1, 0, 0. Economics and Sociology: 1, 0, 0. Education: 1, 0, 0. English: 1, 2, 0. Government and History: 2, 0, 0. Greek and Latin: 1, 0, 0. Home Economics: 0, 0, 1. Mathematics: 2, 0, 1. Modern Languages: 1, 2, 0. Music: 0, 0, 7. Physical Education: 0, 0, 3. Psychology: 0, 0, 1.

Enrolment for year ending June 30, 1926, 755.

Degrees conferred year ending June 30, 1926, 66. Total number degrees conferred since foundation, 1,100.

Fees: Matriculation, $5; graduation, $7.50. Other general fees, $3. Institutional charges, $4.50 a semester hour.

Scholarships and fellowships: Forty of $60 each.

Employment bureau: Twenty per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 5, 1927; May 29, 1928.

Summer session: June 2 to August 1, 1926. Attendance, 1925, 183.

Catalog in April.

Administrative officers: President, Erdmann Smith; Dean of Arts and Sciences, Warren P. Behan; Dean of Summer Session, Wm. B. Wilson; Dean of Music, Lawrence E. Blackman; Dean of Women, Mrs. Eva L. Higgins; Dean of Men, Otto B. Loneenan; Recorder, Ruthy Bundy.

OTTERBEIN COLLEGE

WESTERVILLE, OHIO

Liberal Arts College with music and art departments. Men and women; United Brethren.

Founded in 1847 by three conferences of the United Brethren Church. Otterbein claims to be the second college in the world to admit women on an equality with men.

Board of 47 trustees, 27 elected by nine conferences, 10 by alumni, and 10 trustees at large elected by the body itself. Conference trustees are members of United Brethren Church. Others of any church.

Endowment: $955,093.21. Income from endowment, $48,869.14. Income from church, $10,866.70. Miscellaneous income, $17,665.82. Income from tuition and other fees, $77,137.06. Special income, $441.36. Total expenditures for year 1925–26, including operating of dormitories, $178,463.81. Budget for year, 1925–26, $192,713.81.

Grounds and buildings: Two halls for women (120); one for men (78). Total value of grounds, 42 acres, buildings and equipment, $651,570.63.

Library (1908), 27,009 volumes, including 500 government documents; 125 current periodicals.

Laboratories: McFadden Hall of Science (1919), cost $175,015.31. Value of equipment: Biology, $7,500; Chemistry, $4,000; Physics, $6,000.

Health program: Examination by physical director and physician. Gymnasium for men. Athletic fields. Physical education required during two years.

Admission requirements: 15 units, including English 3, Foreign Language 4, History and Civics 2, Mathematics 2, Science 2.

Degree requirements: For A.B. or B.S.: 128 semester hours and 128 quality points. Major, 24 to 32 hours. Minor, 16 hours.

Chapel attendance required.

Departments and Staff: Art: *Professors*, 1; *Assistant Professors*, 1; *Instructors*, 0. Bible: 1, 1, 0. Biology: 1, 0, 0. Chemistry: 1, 1, 0. Economics: 1, 0, 0. Education: 1, 0, 0. English: 4, 1, 1. German: 1, 0, 0. Greek: 1, 0, 0. History: 1, 0, 0. Home Economics: 1, 0, 0. Latin: 1, 0, 0. Library: 1, 1, 0. Mathematics: 1, 1, 0. Music: 6, 0, 0. Philosophy: 1, 0, 0. Physical Education: 1, 1, 0. Physics: 1, 0, 0. Religious Education: 1, 0, 0. Romance Language: 1, 1, 0.

Enrolment for year ending June 30, 1926: 606: Men, 303; women, 303. College, 516; Music, 193; Art, 52.

Degrees conferred year ending June 30, 1926, 91. Total number of degrees conferred since foundation: 1,989: B.A., 1,177; B.S., 280; B.Mus., 35; M.A., 237; D.D., 67; B.F.A., 14; Ph.B., 85; Litt.B., 18; Ph.M., 7; Ph.D., 9; M.S., 1; D.Sc., 1; LL.D., 33; Litt.D., 5; L.B., 10; D.Mus., 1; LL.B., 7; Ld.D., 1; L.D., 1; Diplomas in Music, 128; Diplomas in Art, 50.

Fees: Matriculation, $12; graduation, $5; laboratory, $2 to $10 a semester. Annual expenses: Liberal, $562; low, $451. Tuition, $125 a year; room, $1.25 to $2.50 a week; board, $5 a week.

Scholarships: Twenty-nine scholarships, $25 to $125 each.

Employment bureau: Percentage of students who earned way entirely through college during year ending June 30, 1926: 20; partially, 38.

Dates of beginning and ending sessions: September 14, 1927; June 14, 1928.

Publications: Catalog in April. President's report in July.

Achievements of year ending June 30, 1926: Collections on campaign for $1,000,000 in 1923, amount to $112,362.25. Gift of Men's Hall.

Administrative officers: President, Walter G. Clippinger; Dean, Noah E. Cornetet; Dean of Women, Cora A. McFadden; Registrar, Floyd J. Vance.

OUACHITA COLLEGE

ARKADELPHIA, ARKANSAS

Name for bequest: Ouachita Baptist College.

Liberal Arts College; coeducational; privately owned; Baptist.

Founded in 1886.

Twenty-four members of the Board of Trustees appointed by the State Baptist Convention; one-third of Trustees appointed each year to serve three years.

Endowment, $532,540.83. Income from endowment, $31,032.90. Income from other sources, $115,990.34. Total annual expenditures year ending June 30, 1926, $142,022.38.

Total value of grounds and buildings, $400,000.

Library (1886), 9,000 volumes; 43 current periodicals.

Two temporary laboratory buildings (1917); value of equipment, $7,255.53.

Medical examinations annually.

Admission requirements: 15 units required, including English 3, Mathematics 1, Science 1, Social Science 1. No conditions allowed.

Degree requirements: 192 term hours and 192 quality credits; including major of 35 term hours and minor of 20 term hours. Prescribed: English 10 term hours, Mathematics and Science 15, Social Science 15, Psychology 5, Christian Education 15.

General requirements: Physical education required for women. Military training required for men.

Departments and Staff: Chemistry and Physics: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology and Botany: 1, 0, 0, 0. Christian Education: 1, 0, 0, 0. Education: 1, 1, 0, 0. English: 1, 1, 1, 0. Social Science: 1, 0, 1, 0. Modern Languages: 1, 1, 0, 0. Latin and Greek: 1, 0, 0, 0. Physical Education for Women: 0, 0, 0, 1. Physical Education for Men: 0, 0, 0, 1. Expression: 0, 0, 0, 1. Department of Music: 1 *Director*, 3 *Assistants*; Military Department: 1, 0, 1, 0.

Enrolment for year ending June 30, 1926: Men, 181; women, 137.

Degrees conferred year ending June 30, 1926: A. B., 55.

Fees: Matriculation, $20; graduation, $10; other general fees, $30; laboratory, $9 to $15. Lodging and board, $270 to $300. Annual expenses, including living expenses: Liberal, $450; low, $420.

Dates of beginning and ending sessions: September 12, 1927; June 4, 1928.

Catalog in April.

Administrative officers: President, A. B. Hill; Dean of Men, Captain Ray E. Porter, U. S. A.; Dean of Women, Miss Lurline Moody; Registrar, B. F. Condray.

OUR LADY OF THE LAKE COLLEGE

STATION A, SAN ANTONIO, TEXAS

A Catholic college for women, privately controlled.

Founded as a high school December 10, 1895. Collegiate subjects offered for first time in September, 1911. January 28, 1918 approved as a Junior College by the State Department of Education, and on March 5, 1919, as a Senior College.

Conducted by the Sisters of Divine Providence.

Financial resources: Income, $137,202.87. Total annual expenditures year ending June 30, 1926, $136,826.39.

Grounds and buildings: On grounds valued at $32,500 are 11 buildings valued at $1,462,500. Equipment, $156,246.62. Accommodations for 350 students.

Library, 15,915 volumes.

Laboratories: Biology, Chemistry, Physics, Home Economics. Equipment, $23,856.56.

Health program: Three years of physical training required. Gymnasium. Swimming-pool. Playing fields.

Admission requirements: 16 units, including English 3, Algebra 2, Plane Geometry 1, Foreign Language 2, History 2. Condition in Foreign Language permitted, but condition must be removed in the first year.

Degree requirements: For A.B., B.S., and B.M.: Four full years, including 21 units, of which 5 must be advanced. For A.M.: 5 graduate courses and thesis.

General requirements: Attendance at general religious exercises expected.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 0, 0, 0. Education: 2, 0, 0, 0. English: 1, 0, 0, 2. Foreign Language: 3, 0, 0, 3. History: 2, 0, 0, 0. Home Economics: 0, 0, 0, 2. Mathematics: 1, 0, 0, 1. Philosophy and Sociology: 2, 0, 0, 1.

Enrolment for year ending June 30, 1926: 252 (including graduates, 18, and special, 20). Total number of matriculates since foundation, 2,541.

Degrees conferred year ending June 30, 1926: A.B., 16, and B.Mus., 1. Total number of degrees conferred since foundation: 126: A.B., 119; B.Mus., 7.

Fees: Board, tuition and laundry, $120 a term of 12 weeks. Room, $35 to $75. Library, lyceum, natatorium and general fees, $9.50. Matriculation, $5; graduation fee, $20; laboratory fees, $5 a term.

Dates of beginning and ending sessions: First semester, September 14, 1927 to January 27, 1928. Second semester, January 30 to May 31, 1928.

Summer session: June 5–July 13, 1928. 15 departments offered 72 courses in 1926. Attendance, 1925, 627.

Catalog in June.

Achievements of year ending June 30, 1926: Completion of new residence and science hall, valued at $207,728.

Administrative officers: President, Very Reverend H. A. Constantineau, D.D., O. M. I.; Dean of Studies, Sister M. Angelique; Dean of Students, Sister M. Inviolata; Registrar, Sister M. Pia.

PACIFIC UNIVERSITY

FOREST GROVE, OREGON

College for men and women; privately controlled.

Founded in 1849.

Board of 24 Trustees.

Endowment: $300,000.

Grounds: 30 acres, valued at $700,000.

Library (1916), 25,000 volumes; 100 current periodicals.

Laboratories: Biology, Chemistry, Physics.

Gymnasium (1915), valued at $40,000.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Science 1, Foreign Language 2.

Degree requirements: For A.B., 120 semester hours.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0. Biology: 1, 0, 0. Business Administration: 1, 0. 0. Chemistry: 1, 0. 0. Education: 1, 0, 1. English Composition: 1, 0. 0. English Literature: 1, 0. 0. French: 1, 0. 0. German: 1, 0. 0. History: 1, 0, 1. Journalism: 1, 0, 0. Mathematics: 1, 0, 0. Mechanical Drawing: 1, 0, 0. Music: 1, 2, 2. Philosophy and Psychology: 1, 0, 0. Physical Education: 3, 0, 0. Physics: 1, 0, 0. Political Science: 1, 0, 0. Public Speaking: 1, 0, 0. Religious Education: 1, 0, 0. Social Sciences: 1, 0, 0.

Enrolment for year ending June 30, 1926, 278.

Degrees conferred year ending June 30, 1926, A. B., 25.

Fees: Tuition, $110; board, $250.

Date of beginning session: September 19, 1927.

Administrative officer: President, L. T. Pennington.

PARK COLLEGE

PARKVILLE, MISSOURI

Name for bequests: Board of Trustees of Park College.

Coeducational college; privately controlled; cooperating with Presbyterian Church, U. S. A.

Established in 1875; chartered in 1879.

Self-perpetuating Board of 21 Trustees.

Endowment: $1,439,000. Income from endowment, $78,077. Income from farm and plant, $10,000. Student tuition and fees, $53,000. Gifts: $200,000. Total annual expenditures year ending June 30, 1926, $203,000.

Campus: 100 acres, part of tract of 1,200 acres owned by the college; 20 buildings. Total value of grounds, buildings, and equipment, $1,020,000. Residence halls for men and women (600).

Carnegie Library (1909; 1922), 32,000 volumes; 100 current periodicals.

Wakefield Science Hall (1923), 15 laboratories, for Chemistry, Biology, Physics, valued at $200,000. Value of equipment: Chemistry, $10,000; Biology, $12,713; Physics, $15,000.

Charles Smith Scott Astronomical Observatory.

Health program: Hospital with resident nurse. Medical inspection before matriculation required.

Admission requirements: 16 units, including English 3, Mathematics 2, Foreign Language 2, History 1, Laboratory Science 1. Only one unit of condition permitted; must be removed within one year. Student must rank in first quartile of high school class. Recommendation by high school principal. Selective admission plan. Psychological test required at matriculation.

Degree requirements: For A.B.: 124 semester hours and 124 grade credits. Minimum requirement of G (80) for graduation. Concentration requirement of minimum of 24 semester hours in one department. Prescribed courses: English 6, Laboratory Science 8, Foreign Language 12, Mathematics 4, Bible 8. Distribution requirement: Three groups—Group I: Language, Literature and Art, 30; Group II: Mathematics and Natural Sciences, 18; Group III, Mental and Social Sciences, 15.

Daily chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biblical History and Literature: 1, 0, 0. Biology: 1, 0, 1. Chemistry: 2, 0, 0. Education: 2, 0, 0. English Language and Literature: 1, 1, 1. History: 1, 0, 0. Home Economics: 1, 0, 0. Mathematics and Astronomy: 1, 1, 0. Modern Languages: 1, 1, 1. Philosophy: 1, 0, 0. Physics: 1, 0, 0. Public Speaking: 1, 0, 1. Social Sciences: 2, 0, 0. Religious Education: 1, 0, 0.

Enrolment for year ending June 30, 1926: College of Liberal Arts, 430: Men, 209; women, 221.

Degrees conferred year ending June 30, 1926: B.A., 68. Total number of degrees conferred since foundation: B.A., 1,432.

Fees and other expenses: Tuition charge

for the year, $85. In accordance with the industrial plan of the college, students living in dormitories pay on the average for the 4 years in college $200 each year, and perform a certain amount of work assigned by the college.

Scholarships: 50.

Dates of beginning and ending sessions: September 13, 1927; June 4, 1928.

College Bulletin published quarterly.

Achievements of year ending June 30, 1926: Philip Bruce Thompson Dining Hall, to cost $75,000. The Donald Davis Herr Memorial Dormitory, $100,000. Enrolment limited to 600.

Administrative officers: President, Frederick William Hawley, D.D.; Dean, Walter Frederick Sanders; Registrar, Ross Albert Wells.

PARSONS COLLEGE

FAIRFIELD, IOWA

Coeducational. Privately controlled. Affiliated with the Presbyterian Church.

Chartered in 1875 by the State of Iowa. Named for benefactor, Lewis B. Parsons.

Self-perpetuating Board of 30 Trustees, subject to a veto on appointments by the Presbyterian Synod of Iowa.

Endowment: $708,545.77. Income from endowment, $28,000. Income from other sources, $124,000. Total annual expenditures year ending June 30, 1926, $160,000. Increase of endowment of Bible Department from $40,000 to $150,000.

Value of ground (65 acres) and 21 buildings, $500,000. Residence halls for women (76).

Library (1904), 15,000 volumes; 100 current periodicals.

Foster Science Hall (1903–1924), building and equipment valued at $70,000.

Health program: Gymnasium (1913), valued at $40,000. Athletic field. Physical examination required in autumn.

Admission requirements: 15 units, including English 3, Mathematics 2, Social Science 1, and Science 1. One unit condition allowed, but must be removed first year.

Degree requirements: For B.A., B.S., or B.Mus.: 120 semester hours. Certain amount of work must be taken in each of four prescribed groups. Major of at least 24 semester hours in one department; thesis.

General requirements: Two years of Physical Education required. Attendance on daily chapel and a bi-weekly Vesper service required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 1. Bible: 3, 0, 0. Chemistry: 1, 0, 1. English: 1, 0, 2. Education: 1, 1, 0. Economics: 1, 0, 0. History: 1, 1, 0. Home Economics: 1, 0, 1. Modern Language: 1, 1, 0. Mathematics: 1, 0, 0. Public Speaking: 1, 0, 0. Physics: 1, 0, 0. Physical Education: 1, 0, 2. Philosophy and Psychology: 1, 1, 0.

Enrolment for year ending June 30, 1926, including Summer School and Conservatory: 855.

Degrees conferred year ending June 30, 1926: 70. Total number of degrees conferred since foundation: 818.

Fees: Annual college fee, $150; room and board, $275 to $300; laboratory, $1 to $7 a semester; graduation, $5. Annual expenses: High, $550; low, $450.

Scholarships: 46 of $50 to $75 each.

Employment bureau: Two-thirds of the men pay their expenses wholly or in part by labor. A much smaller percentage of the women assist themselves by means of work.

Dates of beginning and ending sessions: September 12, 1927; June 5, 1928.

Summer session: Middle of June; continues 10 weeks. College courses, 60; high school and normal courses, 20. Attendance, 1925: 274 college students and 67 music students.

University extension: 30 courses. Enrolment, 109.

Publications: Catalog in March. Monthly bulletin.

Achievements of year ending June 30, 1926: Organization of a department of Religious Education with an endowment of $150,000 with three full-time instructors and courses adequate for a college major.

Administrative officers: President, Howard McDonald; Dean, Carl C. Guise; Registrar, H. T. Smith.

PENN COLLEGE

OSKALOOSA, IOWA

College for men and women. Privately controlled. Denominational relationship: Society of Friends.

Spring Creek Union College incorporated January 27, 1864. In 1866 the Iowa Union College Association of Friends was formed. In 1873 the name was changed to Penn College.

Board of 31 Trustees, 15 of whom are appointed by the Iowa Yearly Meeting of Friends, and 15 are elected by the Board of Trustees. The President of the college is an ex officio member.

Endowment, $324,156.72. Income from endowment, $15,758.59. Income from other sources, $105,273.34. Total annual expenditures year ending June 30, 1926, $148,400.22. Budget, 1926–1927, $149,960.57.

Total value of grounds (25 acres), $43,926.88. Total present worth of buildings, $376,882.15. Total value of grounds, buildings, and equipment, $494,098.96.

Library, 13,175 volumes, including 550 government documents; 150 current periodicals.

Laboratories in main college building. Value of equipment in principal departments, $63,069.25.

Health program: Gymnasium (1907), valued at $15,000. Athletic field. Stadium, $2,000. Health examination required at beginning of each semester. Access to Visiting Mental Hygiene Clinic sent by Psychopathic Hospital of State University of Iowa. Infirmary with nurse.

Admission requirements: 15 units, including English 3, one Foreign Language 2, Algebra 1, Plane Geometry 1, History 1. One condition allowed; must be removed within a year.

Degree requirements: 120 semester hours; in addition two years of Physical Education. A minimum of 120 grade points is required. The subjects taught are arranged in three groups. Group I embraces English, Foreign Languages and Music; Group II, Education, History, Philosophy, Religious Education, Social Sciences, and Speech; Group III, Biology, Chemistry, Home Economics, Mathematics, and Physics. Major of 20 semester hours in one subject in one of these groups, and one minor of 14 semester hours in each of two other subjects, of which one must be in a different group from the major. Prescribed courses in English, History, Religious Education, and Psychology.

General requirements: Two years of Physical Education required. Chapel attendance required.

Departments and Staff: Botany: *Professors*, 1; *Instructors*, 0. Chemistry: 1, 0. Commerce: 1, 0. Economics and Sociology: 1, 0. Education: 1, 1. English: 1, 2. French: 2, 0. German: 1, 0. Greek and Latin: 1, 1. History: 1, 0. Home Economics: 1, 0. Mathematics: 2, 0. Philosophy: 1, 0. Physical Education: 2, 0. Physics: 1, 0. Religious Education: 1, 2. Spanish: 1, 0. Speech: 1, 1. Zoology: 1, 0.

Enrolment for year ending June 30, 1926, 402. Total number of matriculates since foundation, 3,196.

Degrees conferred year ending June 30, 1926: B.S., 8; A.B., 59; Mus.B., 1; M.A., 1. Total number of degrees conferred since foundation, 983: A.B., 548; B.S., 157; Ph.B., 148; A.M., 94; M.S., 16; Mus.B., 2; Honorary, 18.

Since 1917 Penn College has granted only the A.B. degree. The B.S. degree is granted in a few cases by special request and under certain conditions.

Annual expenses, including living expenses: Liberal, $700; low, $500.

Percentage of students who earned way through college during year ending June 30, 1926, 20.

Dates of beginning and ending sessions: Autumn semester begins second Monday after last Tuesday in August. Second semester ends 36 weeks from this date, plus 3 weeks allowed for vacations.

Summer session: June 11 to August 18, 1928. Six departments offer 18 courses. Attendance in 1925, 97.

Publications: Catalog in May; President's annual report.

Administrative officers: President, Henry Edwin McGrew; Dean, Stephen M. Hadley; Registrar, William E. Berry.

PENNSYLVANIA COLLEGE FOR WOMEN

WOODLAND ROAD, PITTSBURGH, PENNSYLVANIA

College for women; privately controlled; non-sectarian.

Chartered December 11, 1869 by Scottish Presbyterians who later made the college undenominational.

Board of Trustees: 11 men and 6 women.

Endowment: $433,503.74. Income from endowment, $20,341.08. Gifts, $6,350. Total annual expenditures year ending June 30, 1926, $199,059.34. Budget, 1926–1927, $250,000. Purchase of two houses holding twenty-six resident students. Campaign subscriptions maturing November, 1928, amount to $204,289.98.

Grounds and buildings: Total value of grounds (10 acres), $275,000. Total present worth of buildings, $382,243.87. Total value of grounds, buildings, and equipment, $750,847.64. Residence Halls (156).

Library (1888), 10,000 volumes; 72 current periodicals.

Laboratories in Dilworth Hall (1888). Value of equipment, $9,193.14.

Health program: Physical examination by physician required of every student at beginning of each year. Gymnasium required during first two years. Gymnasium (1892). Athletic field. Infirmary; nurse.

Admission requirements: 15 units by certificate including English 3, History 1, Foreign Language 4 (no less than 2 units accepted in a modern language), Mathematics 2; 5 elective units to be chosen from Science, Mathematics, Languages, History, Theory of Music. No student is accepted who offers less than 15 units. A limited number of students offering but 2 units of language may make up 2 units by allowing her first year of college language to count as entrance credit. Also a student may enter without Plane Geometry provided this deficiency is made up before Sophomore year.

Degree requirements: 120 semester hours and 8 semester hours of Physical Education. Ninety semester hours must be of grade C or above. Each student must satisfy requirements of a "group"; 4 three-hour courses, or 24 semester hours beyond the Freshman year must be taken in one subject, and at least 12 semester hours in an allied subject. Required in Freshman year English Composition, Contemporaneous History, a Science (Physics, Chemistry or Biology), or Mathematics, a language; for Sophomore year, Sociology; other requirements are a course in Biblical Literature; one in Spoken English; two consecutive years in one modern language.

General requirements: Students live in dormitories or in their own homes. A personal interview assures that students meet requirements socially as well as academically.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 1; *Instructors*, 1. Chemistry: 1, 0, 1. Economics: 1, 1, 0. Education: 1, 0, 0. English: 1, 2, 1. English (Spoken): 1, 1, 1. History: 1, 2, 0. Mathematics: 1, 0, 0. Modern Languages: 1, 2, 1. Music: 1, 1, 2. Physical Training: 0, 0, 1. Psychology: 1, 0, 0. Religious Education: 1, 0, 0.

Enrolment for year ending June 30, 1926, 301. Total number of matriculates since foundation, approximately, 1,500.

Degrees conferred year ending June 30, 1926, 50: A.B., 49; A.M., 1. Total number of degrees conferred since foundation: 618: A.B., 610; A.M., 8.

Fees: Tuition, $250 a year; matriculation, $10; graduation, $10; other general fees, $10; laboratory, $5 to $7.50. Lodging and board, $525. Annual expenses: Liberal, $835; low, $785.

Scholarships: 30 of $50 to $150 each. One scholarship of $750.

Dates of beginning and ending sessions: September 20, 1927; June 11, 1928.

Catalog in March.

Administrative officers: President, Cora Helen Coolidge; Dean and Registrar, M. Helen Marks; Officer in charge of foreign students, Dean Marks.

THE PENNSYLVANIA STATE COLLEGE

STATE COLLEGE, PENNSYLVANIA

Land-grant college; coeducational.

Chartered February 22, 1855, as The Farmer's High School; May 1, 1862, by

decree of Centre County Court, name changed to the Agricultural College of Pennsylvania; January, 1874, name changed to The Pennsylvania State College, the Legislature of Pennsylvania having accepted in 1863 the Act of Congress of 1862, known as the Morrill Land-Grant Act. Board of Trustees organized June 14, 1855. Opened in 1859.

Board of 31 Trustees. Four are ex officio members: the Governor of the Commonwealth, the President of the college, the State Superintendent of Public Instruction, and the Secretary of the State Board of Agriculture. Three members are elected each year by the alumni. Two members are appointed each year by the Governor and confirmed by the Senate. The remaining 12 members are "elected by delegates from the societies and associations hereinafter named; *i. e.*, 3 delegates from each county in the Commonwealth representing the organzied agricultural interests of the said county; and 3 delegates from each county in the Commonwealth, representing the organized engineering, mining, manufacturing, and mechanical interests of such county."

Financial resources: Supported by income from certain grants made by the Federal Government, from appropriations of the State Legislature, and from student fees. The original Land-Grant Act of 1862 brings the college an income of $25,000 annually, to which is added under later Acts of Congress the sum of $50,000 annually. A further sum of $60,000 is received from the Federal Government for maintenance of an Experiment Station devoted to the investigation of practical agricultural work. Total annual expenditures year ending June 30, 1926, $3,035,985. Budget, 1926–1927, $3,400,000.

Grounds and buildings: Total estimated value of grounds (1,800 acres), $186,000. Total estimated value of 60 buildings, $2,778,000. Total estimated value of grounds, buildings, and equipment, $3,698,000.

Carnegie Library (1903), 95,637 volumes; 400 current periodicals. Special collections: Beaver Collection of Pennsylvania History, 4,000; Edwin Erle Sparks Memorial Library of American History and Biography, 1,000; John Hamilton Memorial Library, 200; Edward Livingston Coster Memorial Library of Railroad Engineering Books, 140.

Laboratories: Separate building for Chemistry and Physics Laboratory, together with the G. G. Pond Memorial Building housing part of the Chemistry Laboratory. Unit A contains the Testing Materials Laboratory. Units B. and C, Woodworking and Metal Work Shops. Unit D, Electrical Engineering Laboratory. Unit E, Electro-chemical Engineering Laboratory and Mechanical Engineering Laboratory. School of Agriculture conducts two laboratories under the Experiment Station, known as "Field Laboratories," at Bustleton and Ahrendtsville. Agricultural and Biological Laboratory housed in main Agricultural Building at State College; experimental laboratory being housed in the Horticultural Building. Bacteriological Laboratory housed in Dairy Building. Laboratory of the Institute of Animal Nutrition housed in a separate building. Total value of equipment, $765,376.14. Value of buildings, $931,000.

Museums connected with the Department of Zoology housed in Main Building. Art Museum in same building. Historical Museum in Carnegie Library (1904). Mining Museum in Mining Building.

Health program: Physical and medical examinations. Gymnasium. Athletic fields. College physician; three nurses; infirmary and hospital.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Science 1. Various curricula require certain additional units. No conditions allowed.

Degree requirements: Advanced degrees: M.A., M.S., and Ph.D. given only for work done in residence. Technical degrees, such as C.E., M.E., Ind.E., E.E., Met.E., and E. of M., conferred only on graduates of this institution on the basis of professional work and the submission of a thesis.

Bachelor's degree or its equivalent is required for admission to candidacy for a Master's degree.

Course for the Master's degree requires one full academic year, or summer work aggregating not less than 30 weeks of resident study, and consists of one major and not more than two minor subjects. A minimum of 30 credit hours of work is required, of which 6 credit hours shall be devoted to

scholarly research on some topic connected with the candidate's major subject, and to the preparation of a thesis embodying the results of that investigation; at least 16 credit hours, in addition to these 6 must be devoted to the major subject.

For the degree of Ph.D. a program of work shall consist of a major and one or two minor subjects. Two-thirds of the total time is to be devoted to the major subject. Dissertation should represent a contribution on some worth-while problem, presented in a scholarly manner.

The technical degrees are as follows: Architectural Engineer, Civil Engineer, Electrical Engineer, Industrial Engineer, Mechanical Engineer, Engineer of Mines, and Metallurgical Engineer. Not less than three years shall have elapsed from the time of receiving the first degree before a graduate of this institution shall be permitted to file his application for a technical degree. Such application shall include evidence of a satisfactory professional record, which must be approved by the executive committee of the undergraduate school concerned. Candidate must prepare a thesis upon a subject related to his profession.

General requirements: Military science required for first and second year and special students. Daily and Sunday chapel attendance required.

Departments and Staff: School of Agriculture: *Professors*, 36; *Associate Professors*, 13; *Assistant Professors*, 23; *Instructors*, 12. School of Chemistry and Physics: 4, 7, 7, 14. School of Education: 6, 6, 7, 3. School of Engineering: 13, 15, 23, 27. School of Liberal Arts: 15, 14, 26, 27. School of Mines and Metallurgy: 5, 3, 2, 5. Department of Military Science: 1 Colonel, 8 Captains, 1 Lieutenant, 3 Sergeants. Department of Physical Education: 1, 0, 2, 6.

Enrolment for year ending June 30, 1926: School of Agriculture, 552; School of Chemistry and Physics, 340; School of Education, 476; School of Engineering, 1,195; School of Liberal Arts, 820; School of Mines and Metallurgy, 166. Grand total, 3,549. Total number of matriculates since foundation, 83,243.

Degrees conferred year ending June 30, 1926: 753: B.A., 252; B.S., 440; Master's degrees, 60 (M.A., M.S., C.E., I.E., M.E., and E.M.). Total number of degrees conferred since foundation, 8,525.

Fees: No tuition or matriculation fee charged Pennsylvania students. Students from outside the State are required to pay a tuition fee of $150 a year, in addition to other fees amounting to $65.25 a semester. Board, $6 to $7.50 a week. Room, $90 to $130 a year. Graduation fee, $8. Annual expense: Liberal, $800; low, $500.

Scholarships and fellowships: Seven loan funds; 51 scholarships, from $50 to $175 a year. Fellowships and graduate assistantships available.

Percentage of students who earned way through college during year ending June 30, 1926, 50.

Dates of beginning and ending sessions: First semester, September 14, 1927; February 4, 1928. Second semester, February 6, 1928; June 8, 1928.

Summer session: June 25 to August 4, 1928; 29 departments offer 262 courses. Attendance in 1925, 3,933.

University extension: Total, 12,513.

Pennsylvania State College Bulletin, 31 numbers in 1926, includes general catalog in April and President's Report in December.

Administrative officers: President, R. D. Hetzel; Registrar, William S. Hoffman; Dean of Men, Arthur R. Warnrock; Dean of Women, Charlotte E. Ray; Director, Institute of Animal Nutrition, E. B. Forbes; Dean, School of Agriculture, R. L. Watts; Dean, School of Chemistry and Physics, G. L. Wendt; Dean, School of Education, W. G. Chambers; Dean, School of Engineering, R. L. Sackett; Dean, School of Liberal Arts, C. W. Stoddart; Dean, School of Mines and Metallurgy, E. A. Holbrook; Acting Dean of Graduate School, E. A. Holbrook.

PENNSYLVANIA, UNIVERSITY OF

See: University of Pennsylvania.

PHILLIPS UNIVERSITY

UNIVERSITY STATION, ENID, OKLAHOMA

Coeducational; controlled by Disciples of Christ. Comprises the College of Arts and Sciences, College of Education, College of

the Bible, and College of Fine Arts including Music, and School of Expression.

Chartered October 7, 1907, by the State of Oklahoma, as Oklahoma Christian University; named changed to Phillips University in honor of founder.

Self-perpetuating board of 16 Trustees.

Endowment: $850,000. Annual expenditures for year ending June 30, 1926, $123,-300. Budget, 1926–27, $127,200. Endowment Campaign completed June 30, 1926, secured in pledges, cash and annuities, $1,-252,174.55. Within the year, two subscriptions of $100,000 each and four of $50,000 received.

Grounds and 13 buildings valued at $379,-550.

Library (1910), 12,238 volumes exclusive of public documents; 300 periodicals.

Laboratories: Biology, Chemistry, Physics, Domestic Science and Art, and Geology are on first floor of the main building. Equipment, $8,000.

Health program: Gymnasium (1914), cost $20,000. Stadium.

Admission requirements: 15 units. One year allowed for removal of conditions.

Degree requirements: For A.B., 124 credit units earned in four years; A.M. and B.D. granted only in college of the Bible.

General requirements: Daily attendance at chapel. All Freshmen must take Old Testament History and Literature first semester, and New Testament History and Literature second semester. R. O. T. C. military unit for enlisted students.

Departments and Staff: Applied Music: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Art: 1, 0, 0,0. Biblical and Patristic Greek Language and Literature: 1, 0, 1, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 1. Education: 2, 0, 0, 1. English Language and Literature: 1, 0, 2, 0. Expression: 1, 0, 0, 0. French and German: 1, 0, 0, 0. Geology: 0, 1, 0, 0. History and Political Science: 1, 0, 0, 0. Home Economics: 0, 0, 1, 0. Mathematics and Astronomy: 1, 1, 0, 0. Music: 1, 0, 0, 1. Physics: 1, 0, 0, 0. Practical Theology: 1, 0, 0, 0. Psychology: 1, 0, 0, 0. Religious Education: 1, 0, 0, 0. Semitic Languages, History and Literature: 0, 0, 1, 0. Sociology and Economics: 0, 0, 1, 0. Spanish: 0, 1, 1, 0. Systematic Theology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926; 1,012. Admission to Freshmen class limited to 270.

Degrees conferred, year ending June 30, 1926, 103. Total number of degrees conferred since establishment, 503.

Fees: Annual tuition College of Arts and Sciences, and Education, $130; Bible College, $70; graduation fee, $10; laboratory fees, $5 to $8 a semester. Approximate cost of board and room, $252 to $350 annually.

Ministerial loan fund: $6,000.

Employment bureau: Two bureaus maintained by the College of Education, and the College of the Bible, for the location of teachers and religious leaders. One fifth of the students earned all, or part of expenses during the year ending June 30, 1926.

Dates of beginning sessions: First semester, September 13, 1927; second semester, January 20, 1928.

Summer session begins May 28, 1928; ends July 21, 1928.

Attendance, summer session, 1925, 353.

University Extension: Teachers in vicinity admitted to special Saturday classes.

Achievements of the year ending June 30, 1926: Campaign for endowment, $1,250,-000 completed. Armory built and paid for, $10,000. Debts amounting to $87,500 liquidated.

Administrative officers: President, Isaac Newton McCash, D.D.; Dean of College of the Bible, Frank Hamilton Marshall; Dean, Education, Madison Love Perkins; Dean, College of Fine Arts, Claude R. Newcomb; Registrar, William Marshall Reeves.

PITTSBURGH, UNIVERSITY OF

See: University of Pittsburgh.

THE POLYTECHNIC INSTITUTE OF BROOKLYN

BROOKLYN, NEW YORK

Technical School for men, privately controlled. Undenominational.

The Polytechnic Institute of Brooklyn is the outgrowth of the Brooklyn Collegiate and Polytechnic Institute founded in 1853,

incorporated by the Board of Regents of the State of New York in 1854, and opened in September, 1855. Originally courses were given leading to the degrees of B.S. and B.A. In 1889 a charter was granted by the regents of the State of New York for incorporation as the Polytechnic Institute of Brooklyn. In 1908 the course in Arts was discontinued and the resources of the Institute devoted entirely to Engineering.

Corporation may not exceed 21 members.

Total assets approximate $5,000,000. Annual budget for year ending June 30, 1926, $270,000. Gift of $300,000 to the Perkins Foundation, in partial payment of bequest from the Estate of Charles E. Perkins.

About one acre of land located in business center of Brooklyn.

Library, 11,817 volumes; 98 current periodicals.

Laboratories: Value of equipment, $450,000. Present worth of building, $442,400.

Health program: Medical and physical examinations of all Freshmen. Physical training required of Freshmen and Sophomores.

Admission requirements: 15 units required: 9½ prescribed, 5½ elective. Conditions must be removed before beginning of Sophomore year.

Degree requirements: The Institute does not use the semester-hour or credit-hour system. It is required that each student successfully complete a prescribed list of subjects printed in catalog before degree is granted. C-minus is the lowest passing grade. Every student, as a necessary portion of exercises for final examination is required to present a thesis.

Departments and Staff: Chemistry and Chemical Engineering: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 2; *Instructors*, 2. Civil Engineering: 2, 1, 0, 2. Electrical Engineering and Physics: 1, 1, 4, 0. English: 1, 0, 0, 2. History and Economics: 1, 0, 0, 0. Mathematics: 2, 0, 1, 1. Mechanical Engineering: 2, 0, 3, 5. Modern Languages: 1, 0, 0, 0. Physical Education: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: Day school, 432; Evening school, 1,123.

Degrees conferred year ending June 30, 1926, 98. Total number of degrees conferred since foundation, approximately 1,900.

Tuition fee, $300 a year.

Scholarships: Four of $275 each.

Dates of beginning and ending sessions: September 12, 1927; June 8, 1928.

Summer session: Between June 1 and opening of sessions in Autumn. Seven departments offered 12 courses. Attendance, 1925, 126.

University Extension: Evening classes may be pursued for the degree or for increasing efficiency in engineering subjects.

Catalog in May.

Administrative Officers: President, Parke Rexford Kolbe; Dean, Ernest John Streubel.

POMONA COLLEGE

CLAREMONT, CALIFORNIA

Liberal arts college for men and women; privately controlled. Non-technical; nondenominational although it was begun under the influence of the Congregational Church.

Incorporated October 14, 1887 at a site selected four miles north of the city of Pomona. Instruction began in 1888 in an unfinished hotel in Claremont. Additional campus land, 250 acres, was purchased in 1924 by Miss Ellen B. Scripps. In October, 1925, Claremont Colleges incorporated in accordance with plans for development.

Self-perpetuating Board of 30 Trustees.

Endowment: $2,105,452.34. Total expenditures, $665,203.78. Total annual budget expense, educational, $417,796.35. Supplemental functions, $82,279.67.

Grounds and buildings: Smiley Hall for Men (80); Harwood Court for Women (250). Total value of grounds (145 acres), $333,269.07. Total present worth of buildings, not including real estate investments, $1,282,214.33. Total value of grounds, buildings and equipment, $1,822,757.47.

Carnegie Library (1908), 50,276 volumes, including 3,878 government documents; 385 periodicals. Special collections: Mason collection of California and Western American History, and Mavor collection of Russian Social and Academic History.

Laboratories: Harwood Hall, Botany;

Crookshank Hall, Zoology, Biology, Entomology, Botany; Mason Hall, Petroleum Research, Chemistry and Geology. Present worth of buildings, $380,641.97. Value of equipment in principal departments, $100,133.81.

Museum of Natural History, Pomona College Herbarium, Marcus E. Jones Herbarium in Crookshank Hall.

Frank P. Brackett Observatory: 6-inch refractor.

Health program: Two gymnasiums, a swimming-pool and men's training quarters. Mental hygiene program developed under direction of Mary Brooks Eyre. Athletic fields. Free clinic with full-time college physician and a full-time nurse and a $15,000 infirmary. Medical inspection of all Freshmen before and at entrance. Prescribed corrective physical education four years. Special instruction in athletics and in riding.

Admission requirements: Candidates for admission must present evidence of fitness for college, both in character and scholarship. Applicants admitted by examination, by certificate of College Entrance Examination Board, or by certificate from approved schools or colleges showing that the student has 15 units in accepted subjects. Students who during Junior and Senior year of high school have made excellent scholastic records but have a total of only 12 recommended units, and who have a very high intelligence test score may be accepted. No conditions allowed.

Degree requirements: 126 semester hours with a "C" average or better. Thirty-six hours of "C" and "D" work of which 12 hours in "D" work. At least one full year of graduate study in residence at Pomona College required for Master's degree. Thesis required. Prescribed courses for B.A.: Orientation, 6 hours, English Composition 3, Foreign Language 12, Economics, History or Political Science 6, Hygiene 2, Mathematics or Science 12, Economics, English Literature, History or Political Science, 6 in Junior or Senior year, Philosophy, Psychology or Religion 9.

Chapel attendance required.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 2. Astronomy: 1, 0, 0, 0. Biology: 2, 0, 0, 0. Botany: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Economics: 3, 0, 1, 0. Education: 1, 0, 1, 0. Engineering: 0, 0, 1, 0. English Composition and Language: 1, 0, 1, 1. English Literature: 2, 1, 1, 0. Geology: 1, 0, 0, 1. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 0, 1. Latin: 1, 0, 0, 0. Mathematics: 2, 0, 2, 0. Military Science: 1, 0, 1, 1. Music: 1, 3, 2, 3. Philosophy: 2, 0, 0, 1. Physical Education: 1, 0, 2, 6. Physics: 2, 0, 0, 0. Political Science and Law: 1, 0, 1, 1. Public Address: 0, 2, 0, 0. Religion: 2, 0, 0, 1. Romance Languages: 2, 0, 0, 2. Zoology: 1, 0, 0, 1.

Enrolment year ending June 30, 1926, 916: Men, 458; women, 458.

Degrees conferred year ending June 30, 1926: A.B., 151; M.A., 12. Total number degrees conferred since foundation, 2,029.

Fees: Charge for lodging varies from $100 to $150, and for board averages $260 a year. Average annual expense, including living expenses, $1,000 a year; low, $650 a year.

Scholarship: Endowment, $104,870.72; stipend from $100 to $650.

Employment bureau: Sixty per cent of students earned all or part of way through college during year ending June 30, 1926.

Dates of beginning and ending of sessions: First term, September 16, 1927; second term, February 1, 1928. Year ends approximately June 13.

Summer session: June 28 to July 27, 1928, with a post session of 20 days. 17 departments offered 51 courses in 1926. Three divisions of the summer school are maintained at the Claremont campus, at Laguna Beach Marine Laboratory, and at the Pomona College camp in the San Bernardino Mountains. Attendance, 1925, 304.

Publications: Annual catalog; college bulletins, including annual reports.

Increase in net book assets due to new gifts, pledges, payments, and profits on investments amounted to $892,472.40.

Achievements of the year ending June 30, 1926: Of principal importance was the an-

nouncement of a new educational policy. The plan calls for the building of a group of colleges located in the same academic community. Pomona College will retain present limitation of numbers together with independence of control and organization. Close at hand, however, there will be established new institutions of collegiate grade. The second unit in this group of colleges will be known as Scripps College for Women, provided by Miss Ellen B. Scripps of La Jolla, California. Situated in close proximity to Pomona College, this second unit will have its own board of trustees and its own instructional staff, but there will naturally be some exchange in educational facilities and opportunities between the colleges. Scripps College for Women will open with a Freshman class of 60 in the autumn of 1927. In due time other units may be added to the corporation. The plan is intended to meet the need for increased educational facilities without impairing the academic values and advantages closely associated with small institutions of learning. In order that these institutions should cooperate in matters of mutual concern a central organization was incorporated on October 14, 1925. The group of institutions will be known as Claremont Colleges with the governing body of Claremont Colleges serving as a clearinghouse for matters affecting the mutual interests of the several colleges. To assure ample room for development Pomona College and the Claremont Colleges corporation have secured additional acreage for a campus of 500 acres. A recent gift of $1,000,000 in the name of Claremont Colleges will make possible early development of the group plan.

Bibliographical references: Pomoniana collection, housed in Pomona College Library; "The History of Pomona College," by Charles B. Sumner.

Administrative officers: President, James Arnold Blaisdell, D.D.; Acting President and Dean of the Faculty, Ernest James Jaqua; Dean of the College, William E. Nicholls; Dean of Women, Grace E. Berry; Registrar, Charles T. Fitts; Officer in charge of foreign students, Clifford Nott Hand.

PRESBYTERIAN COLLEGE OF SOUTH CAROLINA

CLINTON, SOUTH CAROLINA

College of Liberal Arts and Natural Sciences for men. Owned and controlled by the Presbyteries composing the Synod of South Carolina, Southern Presbyterian Church.

Founded by the Clinton College Association in 1880 as Clinton College. In 1888 named Presbyterian College of South Carolina. Became the property of the Presbyteries in 1904.

Three Trustees elected from each of eight Presbyteries, and 3 trustees from the alumni.

Endowment: $302,244.24. Income from endowment, $17,500. Income from student fees, $40,000. Income from church contributions, $17,138.12. Annual expenditures for year 1925–26, $82,795.28.

Campus of 45 acres, valued at $96,521.68. Buildings, valued at $536,554.16. Value of grounds, buildings and equipment, $709,051.62.

Library, 10,000 volumes; 75 current periodicals. Special collection of South Carolina History.

Laboratories in Jacobs Building (1914) valued at $70,160.23. Equipment valued at $15,971.19.

Health program: Physical examinations under direction of R. O. T. C. unit. Daily "setting up" exercises, and regular military drill for 95 per cent of eligible men. Springs Gymnasium (1925), valued at $100,000. Athletic fields. College physician.

Admission requirements: 15 units, including English 3, Mathematics 2½, History 2, Science 2. No conditions allowed.

Graduation requirements: For A.B., 134 semester hours plus military training in first two years; 24 semester hours in language other than English; 12 in English; 8 in Bible; 8 in Mathematics; 12 in Science; 6 in History, 3 in Economics or Political Science, 3 in Psychology.

General requirements: Physical examination required of all students taking R. O. T. C. Military Science required in Freshmen and Sophomore years. Daily chapel attendance required.

Departments and Staff: Bible: *Professors*, 1; *Associate Professors*, 2; *Assistant Professors*, 0. Biology: 1, 0, 0. Chemistry: 1, 0, 0. Economics and Sociology: 1, 0, 0. Education: 1, 0, 0. English: 2, 0, 0. French: 1, 1, 0. Greek: 1, 0, 0. History: 1, 0, 0. Latin, German, Spanish: 1, 0, 0. Mathematics: 1, 1, 0. Military Science: 1, 0, 1. Physics: 1, 0, 0.

Enrolment year ending June 30, 1926, 268.

Degrees conferred June, 1926, 32. A.B. only degree offered.

Tuition and fees for entire session, $125. Board, average, $180. Room rent, average, $65. Low cost, $400. Liberal, $650.

Scholarships: Eleven amounting to $2,000. Ten student assistants at $100 a year.

For research and summer study $900 granted annually to some member or members of faculty.

Dates of beginning and ending session: September 9, 1927; May 29, 1928.

Catalog in March. Quarterly bulletin. President's Report in May.

Administrative officers: President, B. L. Parkinson; Registrar, M. G. Woodworth. President in charge of foreign students.

PRINCETON UNIVERSITY

PRINCETON, NEW JERSEY

University for men, privately controlled.

First charter granted in 1746 by John Hamilton, Acting Governor of Province of New Jersey. Second charter in 1748 by Governor Belcher of New Jersey. Called "College of New Jersey" from 1746 to 1896. Opened in 1747 in Elizabeth, New Jersey, subsequently moved to Newark, and moved to Princeton in 1756 when Nassau Hall was completed.

Trustees: Self-perpetuating body; not less than 23, nor more than 40. Ex officio Governor of New Jersey and President of University; 8 to be inhabitants of New Jersey; not more than 30 to hold office for life; 8 alumni Trustees to serve for such terms as they have been elected by the alumni.

Endowment: $16,184,095.51. Income from endowment, $794,164.76. Income from tuition, rents, gifts, sundries, $1,412,184.17. Total annual expenditures year ending June 30, 1926, $2,044,159.93. The Princeton Fund, organized December 11, 1924, as a continuing agency has received in pledges, conditional gifts and cash, approximately $5,000,000 toward $20,000,000 needed for the fulfillment of the Princeton Program during the next twenty years.

Grounds and buildings: 20 residence halls (1,664).

Library: Chancellor Green Library (1873). Pyne Library (1897). 580,000 volumes.

Laboratories: Eno Hall (1924), Psychology; Chemical Laboratory (1891); Guyot Hall (1909), Biology and Geology; Halstead Observatory (1869); Palmer Physical Laboratory (1908), Physics and Electrical Engineering; School of Science (1873), Engineering and Chemistry.

Museum of Historic Art (1889) contains collections of Greek and Roman coins, gems and marbles. Examples of Syrian workmanship in stone, terra cotta, glass, bronze and gold from the Princeton Expedition to Syria. McCormick Hall (1922) contains Marquand Library, Monumental Hall of architectural casts. Guyot Hall (1909) contains natural history museum.

Health program: Medical and physical examination of each student on entering and advice and direction given him. Required examinations periodically for candidates for competitive teams, and those physically below par. Gymnasium (1903). Two field houses. Brokaw Field, Poe Field, Goldie Field. Class of 1887 boat-house. 26 clay tennis courts. A sanitary committee maintains careful supervision over dining-halls and all lodging-houses in town where students live. Infirmary with capacity for 54 students. Each student pays an annual fee of $10. He receives free consultation and dispensary treatment at any time. When an illness extends beyond a week board is charged at the rate which the student pays at his regular boarding-place, and his board is rebated at his boarding-place while he is in the infirmary.

Admission requirements: All candidates must take the examinations of the College Entrance Examination Board. 15 units, distributed as follows: A.B., 4 units of Latin,

Modern Language 3, English 3, Algebra A1, A2, Plane Geometry and 2 elective units. B.S. and B.S.E., Mathematics 4 (Algebra A1, A2), Plane Geometry, Solid Geometry, Plane Trigonometry, a Science, Language 5 (3 of one and 2 of another), English 3 and 2 electives. Freshman class limited to 600. Selective method of choice based on four factors: (1) School record, covering 4 years; (2) College Board Examinations, number of units passed and quality of units; (3) Scholastic Aptitude Test prepared and administered by Board; (4) Character, promise and personality of applicant, shown by special letters of recommendation and personal interviews if necessary. If candidates are admitted at all, no conditions are imposed. High school record and high scholastic aptitude tests results may offset minor deficiency in examination.

Degree requirements: Five courses, 3 hours a week a year, Freshman and Sophomore years. Four courses, 3 hours a week a year, with correlated reading, Junior and Senior years. A.B.: 4 units of Latin or 3 of Greek for entrance, Latin or Greek during Freshman year, and Physics or Chemistry. By end of Sophomore year must complete total of 12 units of preparatory and college credit in Language and Literature, and 5 units of Mathematics and Science. B.S.: 4 units of Mathematics for entrance and Physics, Chemistry or Biology. Mathematics and a science during Freshman year and another science Sophomore year. By end of Sophomore year must complete 10 units of preparatory and college credit in Language and Literature. A.M.: Upon examination after at least one year of resident graduate study. M.F.A. in Art or Architecture upon examination equivalent to that of First Part of Examination for Ph.D. Ph.D.: Upon examination and acceptance of thesis; usually at least three years necessary, one year of resident graduate study or research required. B.S. in Engineering: Similar requirements to B.S. with additional work throughout course. Graduate degrees in engineering: C.E., E.E., M.E., Ch.E., E.M.

General requirements: Every undergraduate is required to attend at least one-half of the Sunday chapel services each quarter.

Departments and Staff: Art, Archæology and Architecture: *Professors*, 3; *Associate Professors*, 3; *Assistant Professors*, 3; *Lecturers*, 1; *Instructors and Assistants*, 4. Astronomy: 2, 0, 1, 0, 0. Biology: 5, 0, 1, 0, 9. Chemistry: 7, 1, 4, 0, 17. Classics: 11, 2, 4, 1, 3. Economics and Social Institutions: 7, 2, 0, 0, 15. School of Engineering: 8, 4, 6, 0, 6. English: 9, 1, 5, 1, 10. Geology: 3, 4, 2, 0, 9. History: 3, 4, 4, 0, 4. Hygiene and Physical Education: 1, 1, 1, 0, 4. Mathematics: 5, 4, 2, 0, 7. Military Science and Tactics: 1, 0, 6, 0, 0. Modern Languages: 9, 3, 6, 0, 14. Philosophy: 3, 4, 1, 0, 2. Physics: 5, 0, 4, 0, 4. Politics: 3, 2, 4, 0, 3. Psychology: 3, 2, 1, 1, 3. Non-Departmental: 1, 1, 0, 2, 0. See also Chapters V-VI.

Enrolment for year ending June 30, 1926, 2,466: Graduate students, 196; 13 were partial students; 7 were graduate engineers. 2,157 were candidates for the B.S., A.B., and B.S. in Engineering.

Degrees conferred year ending June 30, 1926, 382. Number of degrees conferred since foundation: B.A., 11,859; Litt.B., 1,098; B.S., 1,795; C.E., 786; B.S. in Engineering, 24; E.E., 44; Masters and Doctors, 1,305; LL.B., 7. Honorary, 1,504.

Fees: Matriculation, $5; graduation, $12. Laboratory: Physics, $15 a year; Chemistry, $7.50 to $18 a term. Lodging and board, $338 to $600. Annual expenses, including living expenses: High, $1,171; low, $835. These estimates do not include matriculation and graduation fees, laboratory fees for courses in Chemistry and Physics, hall dues, cost of books, clothing, furnishing for rooms, travelling and vacation expenses, or incidentals.

Two hundred endowed scholarships.

Ten per cent of undergraduates earned their way through college either wholly or in part during the year 1925–26.

Dates of beginning and ending sessions: Commencement day is the Tuesday preceding the last Wednesday but one in June. First term begins 38 weeks before that date; second term, 18 weeks.

Summer session: July 13 to August 30, 1926. Ten departments offer 22 courses. Attendance, 1925, 156.

Publications: Catalog in November. President's report in October. University Press published, 1925–26, 10 titles. Since it was established, in 1913, has published about 200 volumes. "Princeton Theological Review" (a quarterly in its 25th year), "Annals of Mathematics" (a quarterly in its 40th year), Elliott "Monographs in Romance Languages."

Achievements of year ending June 30, 1926: Gift of $1,000,000 from the General Education Board for increase in equipment and facilities for advanced teaching and research in physical and biological sciences. This gift is contingent on Princeton's raising an additional $2,000,000. A gift of $200,000 for a Henry Burchard Fine Chair of Mathematics from Thomas D. Jones (Princeton, 1876), of Chicago, Illinois. A gift of $150,000 to endow a Woodrow Wilson Professorship of Literature, by Edward W. Bok.

Bibliographical references: MacLean, "History of College of New Jersey." Collins, "Princeton."

Administrative officers: President, John Grier Hibben; Dean of Faculty, Luther P. Eisenhart; Dean of Graduate School, Andrew F. West; Dean of College, Christian Gauss; Registrar, Wilbut Kerr; Secretary, V. Lansing Collins; Director of Admissions and Dean of Freshmen, Radcliffe Heermance.

PUGET SOUND, COLLEGE OF

See: College of Puget Sound.

PURDUE UNIVERSITY

LAFAYETTE, INDIANA

Land-grant college. Technological. Coeducational. Publicly controlled.

Founded in 1874. The Legislature of Indiana accepted the provisions of the Morrill Act in 1865. In 1869 the State accepted from John Purdue and other citizens of Tippecanoe County, the sum of $200,000 and a tract of 100 acres of land. The institution was located in Tippecanoe County, named Purdue University. The University is maintained chiefly from the public funds of the State. In addition there is an endowment fund of $340,000 resulting from the sale of lands received under the first Morrill Act. The University is also the beneficiary of the several acts passed by Congress supplementing and extending the provisions of the original Morrill Act, 1865: second Morrill Act, 1890, the Hatch Act, 1887, the Adams Act, 1906, the Nelson Act, 1907, the Smith-Lever Act, 1914, the Smith-Hughes Act, 1916, and the Purnell Act, 1925.

Board of 9 trustees. Six are appointed by the Governor, and 3 members (one of whom must be a graduate of the School of Agriculture) are selected by the Purdue Alumni Association. One member must be a woman.

The Divisions of the University: A. The Schools and Departments of Instruction: (a) The School of Agriculture. (b) The School of Applied Science (includes the departments of Mathematics, Education, English, Modern Languages, History and Economics). (c) The Schools of Engineering: School of Chemical Engineering; School of Civil Engineering; School of Electrical Engineering; School of Mechanical Engineering; Department of Applied Mechanics; Department of Practical Mechanics. (d) The School of Home Economics. (e) The School of Pharmacy. (f) The Unattached Departments: Physical Education for Men; Physical Education for Women; Military Science; Library. B. The Agricultural Experiment Station. C. The Department of Agricultural Extension. D. The Engineering Experiment Station. E. The Department of Engineering Extension.

Financial resources: Endowment, $340,000. Income from endowment, $17,000. Income from State of Indiana, $1,706,934.68. Income from U. S. Government, $264,587.09. Income from other sources, $992,692.37. Total annual expenditures for year ending September 30, 1926, $2,881,788.52.

Grounds and buildings: 4,409 acres, including campus of 116 acres, valued at $463,889.71; 127 buildings valued at $3,165,267. Value of buildings, grounds and equipment, $4,996,511.16.

Library (1913), 70,000 volumes, including 5,000 government documents; 650 current periodicals. Special collections: Charles Major Library of History and Lit-

erature, 1,700 volumes. David L. Barnes Library of Railroad Engineering, 1880–1890; 60 volumes of documents, 200 pamphlets.

Laboratories: Chemistry (1907) valued at $63,894.25; Pharmacy (1874), $27,444.15; Locomotive Testing (1895), $2,000; Electrical (1925), $24,131.24; Agricultural Engineering (1910), $22,033.18; Veterinary (1916), $48,975.03; Dairy (1913), $63,758.51. Other laboratories are maintained in various buildings, notably the Testing Materials Laboratory and the Hydraulic Laboratory in the Mechanical Engineering Building; and the Home Economics Laboratory in the Home Economics Building. There are laboratories for Entomology, Horticulture, Poultry Husbandry, Chemical Engineering, Electrical Engineering, Telephone, Radio, and Photometric equipment, and Physics. A new Heating and Power Plant is also available to engineering students for laboratory work. Value of laboratory equipment: Total value, September 30, 1925: School of Agriculture, including farms, $109,340.40. School of Engineering, $363,596.09. School of Science, $100,970.39. School of Pharmacy, $10,048.46. School of Home Economics, $37,095.41. Engineering Experiment Station, $31,409.38. Physical Plant, $326,636.99. Agricultural Experiment Station, $187,571.71.

Museums: Locomotive Museum (1923). Biology Museum, in Stanley Coulter Hall.

Health program: Health examinations. Medical and physical examinations of entering students. Two full-time physicians, one graduate nurse and one recorder constitute the Student Health Service. Medicine dispensed by the University School of Pharmacy provided on prescription of the Medical advisor. Gymnasium and athletic fields, value September 30, 1925: Memorial Gymnasium (1908), $83,709.43; Women's Gymnasium (1925), $20,000; Stuart Field, 15 acres; Ross-Ade Recreational Field (1922–1925), $200,000 (65 acres of land and a stadium seating 13,222 persons are now in use).

Admission requirements: Fifteen units, including English 3, History or Social Science 1, Algebra 1, Plane Geometry 1, Laboratory Science 1. Three additional units must be chosen from English, Language other than English, Mathematics, Science, History and Social Science. Applicants for Engineering must include Algebra ½ unit, and Solid Geometry ½ unit. Graduates of commissioned high schools of Indiana are admitted even though deficient in some of the requirements. Conditions must be removed within one calendar year.

Degree requirements: For B.S.: 144 hours of which 60⅔ are prescribed. B.S. Home Economics: 114 (85 prescribed). B.S.A.: 169⅓ hours (144⅓ prescribed). B.S.Ch.E.: 163⅔ hours (146⅔ prescribed). B.S.C.E.: 158 hours (130 prescribed). B.S.E.E.: 156⅓ hours (129⅓ prescribed). B.S.M.E.: 157⅓ hours (125⅓ prescribed). B.S.Ind.Educ.: 157 hours (124 prescribed). B.S.Phar., 158 hours (130 prescribed).

General requirements: Military Training required for 2 years for all male native students physically qualified. Two years Physical Education required for women.

Departments and Staff: Biology: *Professors*, 3; *Associate Professors*, 2; *Assistant Professors*, 5; *Instructors*, 4. Chemistry: 2, 3, 0, 6. Education: 6, 3, 2, 1. English: 3, 2, 5, 10. History and Economics: 3, 0, 6, 4. Mathematics: 2, 3, 6, 10. Military Science: 1, 1, 9, 0. Modern Languages: 2, 5, 0, 5. Physical Education: 1, 3, 3, 2. Physics: 2, 1, 2, 2. School of Agriculture: 17, 8, 7, 12. School of Engineering: 20, 8, 16, 27. School of Home Economics: 2, 0, 6, 5. School of Pharmacy: 1, 0, 2, 1.

Enrolment, 1925–26, 3,439: Men, 2,865; women, 574: Agriculture, 443; Chemical Engineering, 175; Civil Engineering, 501; Electrical Engineering, 704; Mechanical Engineering, 583; Pharmacy, 133; Science, Home Economics, 358; Science General, 537; Industrial Education, 5. Total number of matriculates to date (estimate), 30,000.

Degrees conferred June 30, 1926: 581: B.S., 118; B.S. Agriculture, 82; B.S. Chemical Engineering, 21; B.S. Civil Engineering, 67; B.S. Electrical Engineering, 85; B.S. Mechanical Engineering, 105; B.S. Industrial Education, 5; B.S. Pharmacy, 3; Pharmaceutical Chemist, 50; M.S., 9; M.S. Agriculture, 3; M.S. Civil Engineering, 4; M.S. Electrical Engineering, 4; M.S. Me-

chanical Engineering, 6; Chemical Engineer, 1; Civil Engineer, 4; Electrical Engineer, 7; Mechanical Engineer, 3. Honorary: B.S., 1; Doctor of Science 1; Doctor of Humane Letters 2. Total number degrees conferred since foundation, 10,412. Number of each kind of degree conferred: Bachelor Degrees: 9,539: Science, 1,401; Agriculture, 1,442; Chemical Engineering, 397; Civil Engineering, 1,478; Electrical Engineering, 1,746; Mechanical Engineering, 1,977; Industrial Education, 6; Pharmacy, 52; Pharmaceutical Chemistry, 1,040. Advanced degrees: 857: Science, 236; Agriculture, 59; Chemical Engineering, 12; Civil Engineering, 164; Electrical Engineering, 158; Mechanical Engineering, 188; Pharmacy, 40. Honorary degrees, 16.

Fees and other expenses: Regular registration fees: Entrance fee, per annum, $5 paid annually at time of entrance. Incidental fee, per annum, $5 paid each semester. Laboratory and Library fee, per annum, $20 paid each semester. Medical and Infirmary fee, per annum, $4 paid annually at time of entrance. Student Activity fee, per annum, $5 paid each semester. Purdue Union fee, $8; and Lecture and Convocation fee $2. Non-resident fee, per annum, $25 paid each semester by students from without the State. Diploma fee; Bachelor's and Master's degrees, $5; Doctor's degree, $10.

Scholarships: Loan funds, aggregating $19,350.17 available in 1925–26, and special scholarships, for the year only, amounting to $2,575.

Research funds: The Indiana Limestone Quarrymen's Association contributed $3,879.39 in 1924–25 for limestone investigations; and the Indiana Manufacturers' Association made a contribution of $1,028.51 for personnel work. The University is carrying on extensive investigation of power brakes and power-brake appliances under the auspices of the American Railway Association, which is contributing large funds and a large amount of valuable equipment.

Employment Bureau: Local employment bureau maintained by University Y. M. C. A. Estimated students wholly or partly self-supporting, approximately 40 per cent.

Dates of beginning and ending sessions: First semester, September 14, 1927 to February 4, 1928. Second semester, February 8, 1928 to June 9, 1928.

Summer session: June 14 to August 15, 1928; 19 departments offered 100 courses in 1926. Attendance, 1926: 435 plus 128 in Civil Engineering Summer Camp.

University Extension: The Agricultural Extension Service is a State-wide, cooperative, educational enterprise. While Purdue University through State and Federal legislation is charged with the responsibility of Agricultural Extension work, provision is also made for cooperation with other agencies and forces. University Extension Field Service offers courses for teachers in Vocational Education; average enrolment, 100.

Publications: Catalog in March. President's Report in December.

Achievements of year ending June 30, 1926: Establishment and equipment of Department of Physical Education for Women. Establishment of a Department of Forestry. Reorganization of Department of Home Economics into School of Home Economics. Reorganization of graduate work leading to doctorate. Establishment of orientation period for Freshmen. Plans for special treatment of students of superior ability. Report of special student committee upon organization and work of University. Extension of contacts and cooperation relationship with agricultural, industrial and professional organizations of State.

Bibliographical references: William Murray Hepburn and Louis Martin Sears: "Purdue University: Fifty Years of Progress." Published by University in connection with the Semi-Centennial Celebration in 1924.

Administrative officers: President, Edward Charles Elliott; Dean, School of Science, Richard Bishop Moore; Dean, School of Agriculture, John Harrison Skinner; Dean, Schools of Engineering, Director of the Engineering Experiment Station and of Engineering Extension, Andrey Abraham Potter; Dean, School of Pharmacy, Charles Bernard Jordan; Dean, School of Home Economics, Mary Lockwood Matthews; Dean of Men, Martin Luther Fisher; Dean of Women, Carolyn Ernestine Shoemaker; Registrar, Ralph Bushnell Stone; Advisor of foreign students, Howard Milton Baldwin.

RADCLIFFE COLLEGE

CAMBRIDGE, MASSACHUSETTS

Name for bequests: Radcliffe College, established in Cambridge, Massachusetts.

A privately controlled college for women, offering work in arts, literature, and science leading to the degrees of Associate in Arts, Bachelor of Arts, Master of Arts, Master of Science, Doctor of Science, and Doctor of Philosophy. Undenominational.

Founded in 1879. At that time it became a duly formed corporation called "The Society for the Collegiate Instruction of Women" (popularly known as "The Harvard Annex"). There was no official relation between the so-called "Annex" and Harvard until after December 6, 1893, when the corporation asked the Board of Overseers of the University to approve the change of name to Radcliffe College and the formal appointment of the President and Fellows of Harvard College as visitors of Radcliffe. For the former act, the College honored the memory of Anne Radcliffe (Lady Mowlson), who was the first woman to found a scholarship in Harvard College.

Self-perpetuating board of trustees known as the Associates. The Council, elected by this board and forming a part of it, carries on the work of administration.

Endowment: $3,500,000. Cost value of property, $1,400,000.

Radcliffe Library: 65,000 volumes.

In addition to its own equipment the College has access to certain Harvard laboratories and museums.

Health program: Required course in physical education for Freshman. One medical and three physical examinations, a test in swimming and instruction (by a course of six lectures) in hygiene. Gymnasium (1898). College physician, with title of Health Consultant, meets every undergraduate at least once a year to advise regarding health and habits of living. Resident trained nurse in dormitories.

Admission requirements: Identical with those for admission to Harvard College and Graduate School of Arts and Sciences.

Degree requirements: For degree of B.A.: Sixteen courses, together with such work in English as may be prescribed; making a total of seventeen or seventeen and a half courses, as the case may be. Requirement for concentration and distribution. General Examination if this is required in the field of concentration. Grade of C or higher in at least two-thirds of all the work done in Radcliffe College in satisfaction of the requirements for the degree. Prescribed course in Physical Education. Requirement in foreign languages. For M.A.: At least one year of residence and study devoted to advanced work. For Ph.D.: Not less than two years of advanced work, at least one of which must be spent in residence at the College. A thesis showing original treatment of a fitting subject, or giving evidence of independent research.

Radcliffe is the women's college affiliated with Harvard University. Courses of study are duplicates of those offered at Harvard; and the teachers, who number approximately 180, are members of the Harvard Faculty. The methods of instruction employed at Harvard, including the tutorial system and the general examination, are employed also at Radcliffe.

Enrolment for year, 1925–26, approximately 950. Undergraduate body limited to 750.

Degrees conferred in June, 1926, 201: Associate in Arts, 5; B.A., 131; M.A., 58; Ph.D., 7. Degrees conferred since 1885, 3,600: Associate in Arts, 39; B.A., 2,709; M.A., 768; M.S., 2; Sc.D., 2; Ph.D., 80.

Annual tuition fee, $300. Board in Halls of Residence, $333 a year. Room, from $180 to $378. Average annual expense, $900, which includes tuition, board, room, and incidental fees.

Scholarships, fellowships and loans: During year, 1925–26, about $40,000 for scholarships and fellowships. In most cases undergraduate scholarships provide for tuition, $300. Awards to graduate students vary from $300 tuition scholarships to fellowships of $1,500, which may be used either for study in this country or for study and travel abroad.

Appointment bureau helps students find part-time employment, either during the college year or during the summer vacation;

gives information about occupations open to college women and training necessary in order to enter these fields; and assists seniors and graduates in finding permanent positions. During the year 1925–26 about 25 per cent of the undergraduates registered with the bureau. From September 1, 1925 to June 30, 1926, this same office received from employers seeking student aid, a total of 1,041 calls. Of the Class of 1926, 73 per cent, or 103 students earned during their four years in college approximately $55,000.

Dates of beginning and ending sessions: Monday preceding last Wednesday in September. Commencement next to the last Wednesday in June.

Publications: Catalog, Annual Reports, etc.

Achievements of the year ending June 30, 1926, include completion of Endowment Fund of $1,000,000, subscribed by alumæ and friends with the aid of the General Education Board, and substantial improvements and alterations in grounds and buildings.

Administrative officers: President, Ada Louise Comstock; Dean, Bernice Veazey Brown; Secretary, Harriet Dean Buchingham. Welfare of foreign students in hands of Dean.

RANDOLPH-MACON COLLEGE FOR MEN

ASHLAND, HANOVER COUNTY, VIRGINIA

Names for bequests: The Trustees of Randolph-Macon College.

College for men, privately controlled. Self-perpetuating Board of Trustees, but considers itself a Methodist Institution under the Baltimore and Virginia Conferences.

Chartered February 3, 1830. Named after John Randolph of Roanoke and Nathaniel Macon of North Carolina. First site was Boydton, Virginia, not far from North Carolina line. In 1868, as the Methodists of North Carolina had a college of their own, Trinity (later Duke University), and as Boydton had no railroads, the college was moved to Ashland.

Self-perpetuating board of 44 Trustees. In 1908, the Board agreed to submit its nominees for members of the Board to the two patronizing Conferences.

Endowment: $992,000. Income from endowment, $36,000. Total income from all sources, $64,000. Campaign in progress for an endowment fund of $400,000 to which the General Education Board of New York will add $200,000. Largest single gift in this campaign, $75,000 from Lambert Pharmacal Company of St. Louis, for Chemistry Department. Alumni campaign for $250,000 to build gymnasium and endow a Department of Physical Education. Gift of $15,000 for Biology from Carnegie Corporation.

Grounds and buildings: College Property, 30 acres and 8 brick buildings and several residences. Valued at $423,000. Dormitories for 250.

Walter Hines Page Library (1923), cost $60,000; 20,000 volumes. Collection of bound volumes of early American periodicals especially valuable.

Two laboratory buildings (1873; 1890). Valued at $55,000.

Observatory: 5-inch telescope.

Health program: All first year men are carefully examined.

Admission requirements: 15 units. For A.B. specified units are English 3, Mathematics 3½, Latin 3, Modern Languages 2, History 1. For B.S., English 3, Mathematics 2½, Foreign Languages 4, History 1.

Degree requirements: For A.B. and B.S., 124 semester hours, averaging 75 on all courses, and demanding: A.B. Latin I, II; English I, II; Bible I; Psychology I; History I; Mathematics I; Modern Languages 18 semester hours; two Sciences of 10 semester hours each. B.S.: English I, II; Bible I; Psychology I; History I; Mathematics I; Foreign Languages 18 semester hours; two Sciences 20 semester hours each (or Mathematics).

General requirements: One year Physical Culture and one year of work in the Literary Societies required. Chapel attendance required.

Departments and Staff: Biblical Department: *Professors*, 2; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 3. Chemistry: 1, 0, 4. Education: 1, 0, 0. English: 2, 0, 3. Greek: 1, 0, 0. History and Sociology: 1, 0, 1. Latin: 1, 0, 1. Mathematics: 1, 1, 0.

Modern Languages: 2, 1, 2. Physics: 1, 0, 2. Physical Education: 1, 1, 0.

Enrolment for year ending June 30, 1926, 237. Total number of matriculates since foundation, 5,000.

Degrees conferred year ending June, 1926, 28. Total number of degrees conferred, 1,097.

Fees: Estimated cost for half year: Tuition, college maintenance, medical and athletic fee, laboratory and student publication: $85. Laundry, etc., $15. Room rent, including fuel and light, $25. Table board, $100. Total, $225. Diploma fee, $5.

Scholarships and fellowships: Number of scholarships, 45 of from $60 to $350 each.

About 15 men are able to earn part of their expenses.

Winter session begins second Wednesday in September; Spring session closes second Wednesday in June.

Publications: College catalog in March. Branch Historical Papers containing researches in Virginia history.

Bibliography: Richard Irby: "History of Randolph-Macon College."

Administrative officers: President, R. E. Blackwell; Dean, Hall Canter; Registrar, C. E. Hartsook.

RANDOLPH–MACON WOMAN'S COLLEGE

LYNCHBURG, VIRGINIA

College for women. Controlled by a Board of Trustees under auspices of Methodist Episcopal Church South.

Founded by Dr. W. W. Smith who became its first President. Opened to students in 1893. The name Randolph-Macon is held by the following institutions, all governed by the same Board of Trustees: Randolph-Macon College for Men, Ashland, Va; Randolph-Macon Woman's College, Lynchburg, Va.; Randolph-Macon Academy for Boys, Bedford, Va.; Randolph-Macon Academy for Boys, Front Royal, Va.; Randolph-Macon School for Girls, Danville, Va.

Endowment: $750,000. Annual budget, $500,000.

Grounds and buildings: Twenty-three buildings, grounds of 60 acres, and equipment valued at $1,000,000.

Library, 27,000 volumes.

Laboratories: Chemistry, Physics, Biology and Psychology.

Observatory.

Health and recreation: Gymnasium. Medical inspection of all students. Physical Education required.

Entrance requirements: 15 units, including 8½ from English, Mathematics and Latin. Entrance examinations.

Degree requirements: For A.B.: 60 session hours, 30 of which are prescribed. In addition 3 hours in Physical Education and Hygiene required. A.M., offered to Bachelors of Art for an additional year of work, including a thesis.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Adjunct Professors*, 0; *Instructors*, 0. Bible and Religious Education: 1, 1, 0, 0. Biology: 1, 0, 1, 1. Chemistry: 1, 1, 0, 1. Education: 1, 0, 0, 0. English: 2, 0, 1, 5. English Literature: 1, 0, 0, 0. German: 1, 0, 0, 1. History: 1, 1, 1, 0. Latin: 1, 0, 3, 0. Latin and Greek: 1, 0, 0, 0. Mathematics: 2, 0, 1, 2. Music: 4, 1, 2, 2. Philosophy-Psychology: 1, 2, 0, 0. Physical Education-Hygiene: 1, 0, 0, 3. Physics: 1, 0, 1, 0. Political Science: 1, 0, 0, 0. Romance Languages: 1, 1, 2, 1. Sociology and Economics: 1, 0, 0, 0.

Enrolment, 1925–26, 841 (maximum capacity).

Publications: Quarterly bulletin, Spring number of which is the catalog.

Scholarships and Student Aids: Free tuition to daughters of ministers of all denominations; 18 other scholarships; 44 student assistantships in offices, etc.

Session opens on Wednesday next after September 15, and closes on first Tuesday in June.

Achievements of year ending June 30, 1926: Campaign for raising $1,250,000 almost completed. Department of Education established. Honors courses offered.

Administrative officers: President, Dice Robins Anderson; Dean, Nathan A. Pattillo; Registrar, William Marshall Black.

REDLANDS, UNIVERSITY OF

See: University of Redlands.

REED COLLEGE

PORTLAND, OREGON

Name for bequests: The Reed Institute.

College of Liberal Arts; non-sectarian; co-educational; privately endowed.

Founded in 1911 upon bequest of Simon and Amanda Reed.

Board of 5 Trustees. Board of 11 Regents (including the Trustees).

Total annual expenditures year ending August 31, 1926, $129,218.15. Budget, 1926–27, $137,718.15.

Total value of grounds (86½ acres), $196,160.38. Total present worth of buildings, $533,461.39. Total value of grounds, buildings and equipment, $846,348.63.

Library, 32,000 volumes, including 2,000 government documents; 200 current periodicals.

Laboratories: Value of equipment in principal departments: Biology, $7,500; Chemistry, $7,500; Physics, $10,800.

Health program: Physical examination of all students at beginning of college year. Gymnasium (1914) valued at $13,000. Playing fields.

Admission requirements: 15 units, including English 3, Mathematics 2, French or German 2, History 1, Physics or Chemistry 1. Of the other 6 units 3 must be in the above group. The remaining 3 may be from any high school course offered in the State except drill, music, penmanship, spelling or physical training.

Degree requirements: Four years of successful work generally totalling 100 semester units or more. Work of high quality earns extra credit toward graduation. Students before graduation must show that they have a reading knowledge of some foreign language, must complete the course known as the Senior Colloquium (in Philosophy), must pass a comprehensive oral examination, and must present an acceptable thesis based upon independent study in their major department.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 1; *Instructors*, 0. Chemistry: 1, 1, 0. Comparative Literature: 1, 0, 0. Economics: 1, 0, 0. English: 2, 0, 1. French: 1, 0, 2. German: 0, 0, 1. Greek and Latin: 0, 0, 1. History: 1, 1, 0. Mathematics: 1, 1, 0. Philosophy: 1, 0, 0. Physics: 1, 1, 0. Psychology: 0, 1, 0.

Enrolment for year ending June 30, 1926, 297.

Degrees conferred year ending June 30, 1926: A.B., 29; A.M., 1.

Fees: Graduation, $2. Other general fees, $208. Lodging and board, $326. Average annual expenses: Liberal, $700; low, $550.

One scholarship of $212.50.

Dates of beginning and ending sessions: September 19, 1927; June 16, 1928.

Catalog in July.

Achievements of year ending June 30, 1926: Completion of campaign for additional endowment, $443,000.

Administrative officers: President, Norman F. Coleman; Dean of Women, Mrs. R. F. Scholz; Registrar, Margaret A. Scott.

RENSSELAER POLYTECHNIC INSTITUTE

TROY, NEW YORK

College of Science and Engineering; privately endowed; for men; no denominational relationship.

Founded in 1824 in Troy, New York, by Stephen Van Rensselaer of Albany, New York. It is said to be the first school of Science and Engineering, having a continuous existence, to be established in any English-speaking country. Principal object is to qualify teachers for instructing the sons and daughters of farmers and mechanics, by lectures or otherwise, in the application of Experimental Chemistry, Philosophy and Natural History to Agriculture, Domestic Economy, the Arts and Manufactures.

Incorporated under the laws of the State of New York with a self-perpetuating Board of 25 Trustees. Three of these are elected by the Board from nominations by the alumni. The divisions include: a Department of Civil Engineering, a Department of Mechanical Engineering, a Department of Electrical Engineering, a Department of Chemical Engineering, a Department of Arts, Science, and Business Administration, a course in Physics, one in Chemistry, and a pre-medical course.

Endowment: $3,885,300. Income from endowment, $196,200. Income from a special fund, $4,300. Tuition, $360,000. Miscellaneous sources, $13,100. Dining Hall, $68,200. Dormitories, $29,000. Total expenditures, $465,300 in addition to $59,800 for the Dining Hall, and $16,100 for the dormitories. Gifts, $285,100: For endowment, $193,800; for building, $81,200, and $10,100 for special funds.

Grounds and buildings: Fourteen dormitories (217). Total value of the grounds (24 acres), $240,000. Total present worth of buildings, $4,340,000. Total value of grounds, buildings, and equipment, $5,680,000.

Library, 17,313 volumes, including 1,500 government publications; 19,351 pamphlets; 114 current periodicals. Library building under construction.

Sage Laboratory valued at $936,000; Civil Engineering Building, $277,000; Walker Laboratory, $500,000; Proudfit Building, $160,000. Value of equipment, $850,000.

Geological and mineralogical museum in the Pittsburgh Building (1912). Biological museum installed in 1925 in Proudfit Building.

Health program: Physical examination of Freshmen; required lectures on hygiene; required physical exercise throughout the year. Athletic field (1911) worth $50,000. Gymnasium (1912) worth $405,000.

Admission requirements: Fifteen units: Mathematics 3, English 3, Modern Language 2, Science 1, History 1. A condition of half a unit in Solid Geometry is allowed; must be removed during first year. Graduates of technical high schools in which no foreign language is given, may substitute other subjects for foreign language, if otherwise well prepared for entrance.

Degree requirements: The eight undergraduate courses are prescribed and each four years in duration. Beside the usual two terms, aggregating 39 weeks, students must spend a month, in each of two of the summer vacations, taking either shop work or surveying, depending upon the course pursued. A thesis must be written during each of the summer vacations and a graduating thesis must be prepared and defended. Graduate courses, leading to Masters' degrees, are one year in duration, and those leading to Doctors' degrees are three years in duration.

Departments and Staff: Chemistry: *Professors*, 3; *Assistant Professors*, 2; *Instructors*, 6. Descriptive Geometry, 2, 0, 3. Electrical Engineering: 4, 3, 9. English: 1, 2, 3. Geodesy and Road Engineering: 2, 0, 2. Geology: 1, 0, 1. Mathematics: 2, 2, 8. Rational and Technical Mechanics: 2, 1, 6. Mechanical Engineering: 2, 3, 9. Metallurgy: 1, 0, 1. Modern Language: 1, 0, 4. Physical Training: 1, 1, 3. Shop Work: 0, 0, 4. Department of Arts, Science and Business Administration: *Professors*, 2; *Instructors*, 1; *Lecturers*, 7.

Enrolment for year ending June 30, 1926, 1,251. Total number of matriculates since foundation, about 8,700, of whom 5,017 have come since 1910.

Degrees conferred for year ending June 30, 1926: 140: C.E., 41; M.E., 26; E.E., 47; Ch.E., 19; B.S., 2; Ph.D., 1; D.Eng., 1; M.C.E., 1; M.Ch.E., 1; M.S., 1. Total number of degrees conferred since foundation, 3,488.

Tuition for all undergraduate courses, which covers all cost of instruction, except breakage, $300 a year. Tuition for graduate courses, $150 a year. Matriculation fee, $5 or $10. Diploma fee, $10. In dormitories, charge for board and lodging varies from $364 to $439 for 39 weeks. Cost of tuition, books, board and lodging varies from about $714 to about $789.

Fellowships (12) carry free tuition and $600 a year; 31 scholarships, free tuition.

Research funds granted each year: Income from Laflin Fund of $10,000 devoted to materials for research. $800 was devoted to materials for research. Several thousand dollars of the amount expended for equipment spent for research equipment.

Student Employment Bureau: About 500 of the students (40 per cent) paid part of their expenses by working during term time and summer vacation. Amounts earned varied from $2 to $700.

First term: September 8, 1927; January 28, 1928. Second term: February 3, 1928;

June 11, 1928. On account of the number of students there are three terms of shop work, of one month each. Summer course in Surveying begins day after Commencement.

Beside the summer courses in Shop Work and Surveying required of regular students, many summer courses are given to conditioned students who may take them to help remove their conditions. No other summer courses are given.

No university extension except that lecture is given nearly every Monday night from the Institute's broadcasting station, WHAZ.

Catalog in March as one issue of quarterly bulletin. Science series published at irregular intervals.

Achievements of year ending June 30, 1926: Courses in Arts, Science, and Business Administration inaugurated. Pre-medical course begun. Biological laboratory and museum created. Building to contain a library and large lecture hall begun; library, lecture hall, and new dormitory begun. Gifts in cash from various sources, $285,100.

Bibliographical references: Palmer C. Ricketts, "History of Rensselaer Polytechnic Institute." Ray Palmer Baker, "A Chapter in American Education, Rensselaer Polytechnic Institute (1824–1924)."

Administrative officers: President and Director, Palmer C. Ricketts; Head of the Department of Civil Engineering, T. R. Lawson; Head of the Department of Mechanical Engineering, E. A. Fessenden; Head of the Department of Electrical Engineering, W. L. Robb; Head of the Department of Chemical Engineering, A. W. Davison; Head of the Department of Arts, Science, and Business Administration, R. P. Baker; Registrar, M. L. Burke.

RICE INSTITUTE

HOUSTON, TEXAS

Names for bequests: William M. Rice Institute for the Advancement of Literature, Science and Art.

College of Liberal Arts and Sciences for men and women, with schools of Engineering and Architecture, and provision for post-graduate work in Mathematics, Physics, Chemistry and Modern Languages. Privately controlled; independent of church or State affiliation.

Founded in 1891 by the late William Marsh Rice, and chartered May 19, 1891, by the State of Texas. Opened September 23, 1912.

Self-perpetuating Board of 7 Trustees elected for life.

Financial resources: Endowment funds of the institution are conservatively estimated at $10,000,000. Annual budget in excess of $500,000.

Grounds and buildings: Ten buildings on the campus, with land and equipment valued at $3,750,000.

Library contains 50,000 volumes; 600 current periodicals.

Separate laboratory buildings for Physics, for Chemistry and for Engineering. Biology housed in Physics Laboratory, and Architecture in Chemistry Laboratory.

Admission requirements: 15 units, including Mathematics 3, History 2, 3 in one Foreign Language, or 2 in each of two Foreign Languages. No conditions allowed; no special students admitted. Admission is competitive, the Freshman class being limited to 400 members, who in recent years have been selected from twice as many applicants.

Degree requirements: For the Bachelor's degree there are required five 3-hour courses in each of the first two years; four 3-hour courses in each of the last two years. Laboratory work is not counted as a part of lecture or recitation requirements for a degree. The year is the unit of all courses. The choice of elective courses is restricted in the following ways: First, with respect to concentration, each of two subjects must be carried for three years; each of four subjects must be carried for at least two years; second, with respect to distribution, all subjects of the curriculum are divided into two groups, one of which includes Mathematics and Science, and the other the literary subjects; one course must be selected in each group in each of the first three years. Honors courses were instituted in the original program of studies. At present such courses are available in Pure and Applied

Mathematics, Theoretical and Experimental Physics, Biology, Chemistry, English, Economics and Mathematics, Modern Languages and Literatures, and History. A student who has completed a general or honors course for the B.A. degree may be admitted as a candidate for an advanced degree. In the curriculum of the 5-year courses of Architecture and of Engineering, the first two years consist largely of required subjects. Candidates who have completed the first four years receive in Architecture the degree of Bachelor of Arts, and in Engineering the degree of Bachelor of Science in a specified branch of Engineering and the successful completion of the 5-year course leads in Architecture to the degree of Bachelor of Science in Architecture, and in Engineering to the degree of Ch.E., C.E., E.E., or M.E., according to the branch of Engineering taken. Under requirements conforming to those for the M.A. degree, namely, high standing and a thesis, the M.S. degree in a specified branch of Engineering may be awarded.

Departments and Staff: Architecture: *Professors*, 1; *Assistant Professors* and *Lecturers*, 1; *Instructors* and *Graduate Assistants*, 3. Biology: 1, 1, 2. Chemistry: 1, 1, 10. Civics and Philanthropy: 0, 1, 0. Economics and Business Administration: 0, 0, 3. Education: 0, 1, 0. Engineering: 0, 3, 6. English: 1, 1, 8. German: 1, 0, 1. History and Jurisprudence: 1, 1, 2. Mathematics: 1, 3, 6. Philosophy: 1, 0, 1. Physical Education: 1, 0, 1. Physics: 1, 1, 5. Romance Languages: 1, 0, 7.

Degrees conferred year ending June 7, 1926, 167. Since foundation, 934: B.A., 703; B.S., 168; B.S. in Architecture, 11; M.S., 8; M.A., 35; Ph.D., 9. This institution has conferred no honorary degrees.

Fees: No tuition fees. Annual registration fee, $10. Students required to meet all expenses incurred in examination papers, certificates, and diplomas, and materials actually used up in experimental courses in Pure and Applied Science. For such purpose all students are required to maintain a contingent deposit of $10, and laboratory deposits of $25 for each laboratory course taken.

Scholarships amounting to $5,000 awarded annually. Loan funds, $10,000 a year.

Research: Fellowships to the amount of $10,250.

Dates of beginning and ending sessions: Registration of new students begins about the middle of September, preliminary examinations for Freshmen and students on probation about the middle of December. February examinations for all students begin on the first week of February. Final examinations for all students begin in the last week of May. Annual commencement in the first week of June.

Publications: Annual Announcements; "Rice Institute Phamphlet," quarterly.

Administrative officers: President, Edgar Odell Lovett; Dean, Robert Granville Caldwell; Registrar, Samuel Glenn McCann.

RICHMOND, UNIVERSITY OF

See: University of Richmond.

ROCHESTER, UNIVERSITY OF

See: University of Rochester.

ROCKFORD COLLEGE

ROCKFORD, ILLINOIS

College for women. Privately controlled. Non-sectarian but consistently Christian.

Rockford College, first called Rockford Seminary, was chartered February 25, 1847. It is one of the oldest women's colleges in the United States. Opened in 1849. Granted its first degree in early eighties.

Self-perpetuating Board of 24 Trustees.

Endowment: $1,000,000. Income from invested funds, $50,000; from all other sources, $235,000. Annual budget, $265,000.

Eighteen buildings on the college property with land, valued at $700,000.

Library, 15,000 volumes.

Laboratories: Chemistry, Physics, Foods and Dietetics, Textiles and Clothing, Biology.

Health program: Resident trained nurse. Every student is required to participate in some major sport. Swimming required for graduation. Corrective physical training for all students, especially during the Freshman year.

Admission requirements: Admission is by certificate from accredited schools or by examination. Freshmen are carefully selected on the basis of scholarship, evidence of intellectual interest and leadership. Among 15 units required 3 must be in English, 2 in Mathematics, 2 in Latin (occasional substitution of 2 units of another Foreign Language are permitted), and 1 in History. Only 2 units may be outside the standard group. Students may enter for one year only with a condition of one unit. No special students are admitted who cannot meet these requirements, except in the Music and extension departments.

Degree requirements: For degree of A.B.: 120 points in Liberal Arts and Sciences, and 8 additional points in Physical Education.

General requirements: Orientation courses for all Freshmen throughout year. Chapel not compulsory, but the obligation of every student. All students not residing in their own homes in the city of Rockford required to live in one of the residence halls.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Chemistry: 1, 0, 0, 1. Education: 1, 1, 0, 0. English: 2, 1, 2, 1. Fine and Applied Arts: 1, 0, 0, 1. Greek and Latin: 1, 0, 0, 0. History: 1, 0, 1, 0. Home Economics: 1, 0, 1, 2. Library Science: 0, 0, 0, 1. Mathematics and Astronomy: 1, 0, 1, 0. Modern Languages: 1, 1, 3, 0. Music: 4, 1, 0, 1. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: 1, 0, 0, 1. Physics: 0, 0, 1, 0. Religion: *Lecturers*, 2. Social Sciences: 3, 0, 1, 0.

College limited to 420 regularly matriculated students.

Degrees conferred year ending June 30, 1926: 57 Bachelors' degrees.

Fees: Tuition charge for the year, $210; for board and room, $400. Necessary fees and incidental expenses approximate $50.

Scholarships and fellowships: Student aid funds to amount of $13,000 annually. Fellowship for a foreign student, $600 (Czecho-Slovakian, 1927). Graduate scholarships: University of Illinois Scholarship, $300; 2 Talcott Scholarships at University of Chicago, $300 each; McCulloch Social Service Fellowship at Chicago Commons, $600.

Dates of beginning and ending sessions: September 22, 1927; June 9, 1928.

Administrative officers: President, William Arthur Maddox; Dean of Women, Ellen T. Gould; Registrar, Lorena M. Church.

ROSARY COLLEGE

RIVER FOREST (OAK PARK POST OFFICE), ILLINOIS

Catholic College for women; privately controlled.

Rosary College incorporated in October, 1918, under the laws of the State of Illinois, is the continuation of St. Clara College, Sinsinawa, Wisconsin, which was a development of St. Clara Academy founded in 1852. St. Clara College chartered in 1901 by the State of Wisconsin, was conducted as a Junior College until 1909. In 1922 transferred to River Forest, under name of Rosary College. First Rosary College degrees conferred in June, 1923. The Rosary College Plan for undergraduate study in Europe inaugurated in 1925.

Governed by a Board of Trustees subject to appointment by the Chapter of the Congregation of the Most Holy Rosary of the Third Order of St. Dominic. The College offers only work leading to the Bachelors' degree: Bachelor of Arts, Bachelor of Science in Home Economics, Bachelor of Science in Music Education. The members of the faculty are, for the most part, Sisters of the Order of St. Dominic.

Endowment: $202,223.09. Income from endowment, $10,000. Income from students, $138,728.84. Donations for buildings, etc., $256,385. Annual expenses for administration and instruction (not including salaries for Sisters of the faculty), $17,756.

Value of grounds (30 acres), $80,000. Buildings cost $1,944,459.62. Value of grounds, buildings, equipment, $2,202,830.21.

Library (1924), 13,200 volumes.

Science Hall (1922): Biology, Chemistry, Physics, Home Economics.

Health program: Gymnasium (1925) and Natatorium (1921). Medical examination required at entrance. Physical education prescribed. Full-time nurse.

Admission requirements: 15 units, including English 3, Mathematics 2, History 1, Laboratory Science 1, Foreign Language 2 in one language. Of the remaining 6 units, 4 must be chosen from these subjects, but the maximum in any one subject may not exceed 4. The 2 remaining units may be chosen from this list or from approved vocational subjects. Students deficient in not more than one entrance unit, or in the case of Foreign Language in 2 units, may be admitted as conditioned Freshmen. This condition must be removed before the beginning of Sophomore year.

Degree requirements: For Bachelors' degree: 128 credits, exclusive of 8 credits in Physical Education. Prescribed subjects are: Religion, Philosophy, English Composition and Literature, History, Mathematics or Science, Education (for prospective teachers), Foreign Language and a major of 30–40 credits, and a minor of 12.

General requirements: Freshmen are required to attend a course of lectures on personal and community hygiene. Physical Education required of all Freshmen and Sophomores. Daily attendance at chapel required. Attendance at bi-weekly student assemblies required.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Biology: 1, 0, 0, 0. Chemistry: 1, 1, 0, 0. Economics and Political Science: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 1, 2, 0, 1. Expression: 0, 0, 0, 2. Greek: 1, 0, 0, 0. Home Economics: 0, 0, 0, 3. Library Science: 0, 0, 0, 1. History: 1, 0, 0, 1. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 1, 0. Music: 0, 0, 0, 6. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Romance Languages: 1, 3, 0, 1. Sacred Scripture: 1, 0, 0, 0. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 267. Total number of matriculates during the time Rosary College was known as St. Clara College: 1902–1909, 149; 1910–1922, 1,069. Rosary College, 1922–1926, 787.

Degrees conferred year ending June 30, 1926, 29. Total number of degrees conferred since foundation, 206: St. Clara College, 1909–1922, 114: A.B., 107; B.S. in Music Education, 7. Rosary College, 1922–1926, 92: A.B., 76; B.S. in Home Economics, 11; B.S. in Music Education, 5.

Fees: Matriculation, $5; fee for degree, $15; tuition, $75 a semester; board, $175; room from $35 to $62.50. Music, Speech, Art Departments require added fees.

Scholarships: Income from $19,000 annually.

Dates of beginning and ending sessions: First semester, second week in September. Second semester, closes second week in June.

Summer session for Sisters held in 1923, 1924, 1925, 1926. Work offered in nine departments. Attendance, 1925, 249.

University Extension: Sisters enrolled in correspondence courses, 1924–1925, 70.

The Rosary College Bulletin, including general catalog and announcements, published quarterly.

Achievements of year ending June 30, 1926: Since 1924 Rosary College has been working out a plan for undergraduate study in Europe. The Sisters of St. Dominic who control the college have, since 1917, conducted at the Villa des Fougeres, Fribourg, Switzerland, an institute of higher studies for young women. Students from the United States and other countries have studied at the Institute of Higher Studies under associate members of the Faculty of Rosary College and professors of the Catholic University at Fribourg. Two French students from the Institute also studied at Rosary College as exchange students. By the Rosary College Foreign Study Plan students may fulfil the requirements of the junior year at the Institute of Higher Studies in Fribourg and return to their respective American colleges for the senior year. During 1925–1926 four American students pursued undergraduate work at the University of Fribourg and one graduate work. Five members of the junior class of Rosary College sailed in August, 1926. After preliminary training in French at University of Strasbourg, they took work in Fribourg in October. Their studies were under the supervision of the French Department of Rosary College.

Administrative officers: President, Sister Mary Hyacintha; Dean, Sister Thomas Aquinas; Registrar, Sister Mary Fidelis;

Faculty members in charge of foreign students: In Fribourg, Sister Mary Evelyn; at Rosary, Sister Winifred Mary.

ROSE POLYTECHNIC INSTITUTE

TERRE HAUTE, INDIANA.

Technological college for men; privately controlled; undenominational.

Incorporated September 10, 1874, as Terre Haute School of Industrial Science. In 1875 name changed to Rose Polytechnic Institute. Opened March 7, 1883. Moved to new site September, 1922.

Self-perpetuating Board of Managers. Two alumni representatives are elected for 2-year periods by the Alumni Association.

Financial resources: Endowment, $1,400,000. Annual expenditure, $108,000.

Grounds and buildings: Grounds, 123 acres. One building houses recitation rooms, laboratories, shops, power plant and administrative offices. Dormitory (1926).

Library, 15,000 volumes, 2,000 pamphlets.

Laboratories for the various branches of Engineering contain equipment valued at $150,000.

Admission requirements: A candidate for admission must be at least sixteen years old and present a certificate of good moral character. 16 units, including English 3, Foreign Language 2, History 1, Algebra 1½, Plane and Solid Geometry 1½. Conditions of ½ unit of Solid Geometry or 2 units of Foreign Language allowed, but must be made up before graduation outside of regular class work.

Graduation requirements: 143 credits with a weighted average grade of 70 on the scale of 100. Of this 5 credits are devoted to original work submitted in a thesis.

General requirements: Physical education is required of Freshmen and Sophomores. Military Science required for Freshmen and Sophomores. Advanced Military Science elective for Junior and Senior classes. A Commission of Second Lieutenant in the Officers' Reserve Corps is given to those completing the Advanced Course, which includes six weeks of summer camp. Freshmen from out of the city required to live in dormitory.

Departments and Staff: Architectural Engineering: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemical Engineering: 1, 1, 0, 0. Chemistry: 1, 1, 0, 0. Civil Engineering: 1, 1, 0, 0. Drawing: 0, 1, 0, 1. Electrical Engineering: 1, 0, 0, 1. English and Economics: 0, 0, 1, 0. Foreign Language: 1, 0, 0, 0. Mathematics: 1, 0, 0, 1. Mechanical Engineering: 2, 0, 0, 0. Mechanics: 2, 0, 0, 0. Military Science: 1, 0, 1, 1. Physics: 1, 0, 0, 1. Shop Practice: 0, 0, 1, 4.

Enrolment: About 250.

Degrees conferred year ending June 10, 1926: B.S., 31. Degrees conferred since founding, 1,259.

Fees and other expenses: For the year tuition charges, including registration fee, $125 for resident students, and $165 for non-resident students. Student Fund fee is $18 a year. Dormitory charges are $260 to $280 a year. Diploma fee, $5. Books, $40. Miscellaneous, $200 (estimated).

Eight McGregor Scholarships of $150 each, and 20 Rea Scholarships of $125 each are awarded annually. In addition three Loan Funds provide about $4,000 annually.

Dates of beginning and ending sessions: First term: Wednesday nearest September 15; continues for 19 weeks. Second term: Wednesday following close of first term; closes on second Thursday of June.

College bulletin.

Achievements of year ending June 30, 1926: Erection of the Demas and Sarah C. Deming Memorial Dormitory.

Administrative officers: President, Frank Caspar Wagner; Registrar, Mary Gilbert.

RUTGERS UNIVERSITY

NEW BRUNSWICK, NEW JERSEY

Name for bequests: The Trustees of Rutgers College in New Jersey.

Land-Grant College and State University on the foundation of Queen's College chartered in 1766. The only State institution in the United States which has a colonial charter. The New Jersey College for Women is an integral part of the University, but the institution is not coeducational. The campuses for men and women are located on

opposite sides of the City of New Brunswick.

Chartered November 10, 1766, as Queen's College by authority of George III through William Franklin, Governor of the Province of New Jersey. The institution owes its origin to the people of Dutch birth or descent settled in the Provinces of New York and New Jersey. For many years the institution was affiliated with the Reformed Dutch Church, but on becoming the Land-Grant College of New Jersey, in 1864, the church relations became increasingly less important, and several years ago the ecclesiastical ties were completely severed. Colleges of Agriculture and Engineering established in 1865. In 1904 the Supreme Court of New Jersey rendered a decision sustaining the position of Rutgers as the State institution. In 1917 the institution was designated the State University of New Jersey, and in 1918 the Trustees established the New Jersey College for Women. Course in Ceramics instituted in 1920, and a laboratory erected at request of the ceramic industries of the State.

Board of Trustees composed of the Governor, Chief Justice and Attorney General of the State of New Jersey and 38 others, 5 of whom represent the alumni. A Board of Visitors appointed by the Governor acts with the Trustees in State relations. There are five coordinate colleges besides independent departments as follows: College of Arts and Sciences, College of Agriculture, College of Engineering, College for Women, School of Education, Department of Ceramics, Department of Military Science and Tactics, Industrial Extension Division. A Nonmetallic Minerals Experiment Station of the United States Bureau of Mines is located on the campus. An Engineering Experiment Station received a State appropriation in 1926. Agricultural Experiment Station.

Endowment: $2,250,000. Income for current use for the colleges for men for the year ending June 30, 1926, $871,012.87. New Jersey College for Women, $301,301. State appropriation for 1926–27, $1,163,589, including $421,500 for buildings. In addition the Agricultural Experiment Station received a State appropriation of $375,000. Federal grants for the same year amounted to $186,573.

Campus occupied by the colleges for men, 38 acres. College of Agriculture is adjacent to the 750 acres of the College Farm. Dormitory plan of the College for Women is unique. Aside from money for lands, no funds have been required from either private donors or the State for cottages which provide homes for about 700 women. Designed as residences and capable of being transferred at once into ordinary homes, commercial loans have been secured and the income is such as to amortize the loan in fifteen years.

University Library (1903, 1926), 131,000 volumes including 4,500 government documents; 500 current periodicals. College for Women also maintains a reference library as does the College of Agriculture, the latter containing 9,000 volumes.

Laboratories: Separate buildings house the laboratories in Chemistry, Biology, Geology and Physics; the latter is a structure provided by legislative appropriation of $371,500 in 1926. Laboratories of the College of Agriculture equipped especially for research in soil science and plant pathology and diseases of poultry. Engineering laboratories maintained in Engineering Building.

Museums in Geological Hall, Ralph Voorhees Library and several of the scientific buildings. Geological Museum; Zoological Museum; Hulst and Smith collections of Lepidoptera; Herbarium containing Halsted's collection of New Jersey plants; James B. Laing collection of rare coins; Thomas L. Janeway Memorial collection of casts and photographs; Henry Janeway Weston Memorial collection of books and pictures relating to Napoleon I and the John Wyckoff Mettler collection of Washington and Jefferson prints.

Daniel S. Schanck Astronomical Observatory (1865).

Health program: College physician. All Freshmen receive a physical examination and take a course in Hygiene. Robert Ballantine Gymnasium. Neilson Athletic Field. College field on which the first intercollegiate football game was played in 1869 between Princeton and Rutgers. Antilles

Field for the College for Women. Infirmary for Women.

Admission requirements: 15 units. In the College of Arts and Sciences for the general curriculum and the curricula in Business and Journalism, Pre-legal and Pre-medical, required subjects are English 3, Algebra 2; Plane Geometry 1, Foreign Language 2 and Solid Geometry or a third year of Foreign Language 1. In College of Engineering, Solid Geometry and Plane Trigonometry are also required. In College of Agriculture required units number 8. In College for Women 3 units of Foreign Language, except for the curriculum in Home Economics. In the colleges for men no conditions are allowed for students entering on certificate. Those entering on examination are allowed two conditions, which must be removed before Sophomore year. In College for Women a lack in required grades or number of units may be made up by entrance examinations, and students who take the entrance examinations and fail to secure the required 15 units may be admitted on probation. All conditions in the College for Women must be removed within one calendar year from the date of entrance.

Degree requirements: Liberal Arts course, 134 semester hours; Biology course, 142; Ceramics course, 155; Chemistry course, 150; Sanitary Science course, 140; Agricultural course, 141; Civil Engineering course, 152; Electrical Engineering course, 153; Mechanical Engineering course, 156; Municipal and Sanitary Engineering course, 156. At the College for Women: Liberal courses, 130 semester hours; Home Economics, 128. All technical courses are prescribed. Liberal Arts courses leading to the degree of Bachelor of Arts and Bachelor of Letters are elective except for the following prescribed courses: English, 12 semester hours; Public Speaking, 2; Orientation, 1; Hygiene, 1; Military Science, 8; Mathematics, 6; Natural Science, 6; History, 6; Philosophy, Psychology or Education, 6; Foreign Language, 12 semester hours of one Foreign Language. For A.B. degree the language elected must be either Latin or Greek.

Daily and Sunday chapel attendance required.

Departments and Staff: Agriculture: *Professors*, 8; *Associate Professors*, 6; *Assistant Professors*, 4; *Instructors*, 5. Astronomy: 1, 0, 0, 0. Bacteriology: 1, 0, 0, 0. Botany: 1, 1, 1, 2. Ceramics: 1, 0, 1, 1. Chemistry: 2, 2, 0, 3. Classical Languages: 1, 0, 0, 2. Economics: 1, 0, 1, 2. Education: 3, 1, 0, 2. Engineering: 4, 2, 2, 2. English Bible, Ethics and Sociology: 1, 0, 0, 0. English: 3, 2, 1, 4. Entomology: 1, 2, 0, 0. Geology and Mineralogy: 1, 0, 0, 1. German: 2, 0, 0, 1. History and Political Science: 0, 1, 2, 3. History of Art: 1, 0, 0, 1. Mathematics: 4, 0, 3, 1. Military Science and Tactics: 1, 3, 1, 3. Music: 0, 1, 0, 0. Philosophy and Psychology: 1, 0, 0, 1. Physical Training: 0, 0, 0, 2. Physics: 2, 0, 0, 2. Romance Languages: 2, 1, 1, 4.

Enrolment year ending June 30, 1926: College of Arts and Sciences, 609; College of Agriculture, 84; College of Engineering, 170; College for Women, 697. Number of matriculates since foundation, 7,657 (men).

Degrees conferred year ending June 30, 1926, 234: B.A., 70; Lit.B., 70; B.S., 23; B.S. in Biology, 5; B.S. in Ceramics, 4; B.S. in Chemistry, 4; B.S. in Agriculture, 13; B.S. in Civil Engineering, 9; B.S. in Electrical Engineering, 13; B.S. in Mechanical Engineering, 9; B.S. in Home Economics, 14. Total number of degrees conferred since foundation, 2,764 (exclusive of College for women).

Fees (Colleges for men): Tuition, $200 a year. Tution in College of Agriculture, $80. Public room service, $60. Graduation fee, $7. Laboratory fee, $15 a year for each course for Liberal Arts students. Technical course fees, $15 a year for Freshmen. Technical course fees (for Sophomores, Juniors and Seniors), $30 a year. Board at college dining hall, $7 a week. Rooms in college dormitories, $75 to $250 a year. Student activities, $24 a year. Average for student annual expenses: Liberal, $877; low, $621. College for Women: Registration fee, $5. Tuition, $100. College fee, $40. Laboratory fee, $15. Music fee, $80. Diploma fee, $10. Room deposit fee, $5. Infirmary fee, $10. Room rent, $140 to $200. Table board, $270.

Scholarships: The State appropriates

$48,000 a year for 240 scholarships of $200 each, assigned to New Jersey boys by competitive examination. Forty State scholarships of $200 each are assigned by County Superintendents of Schools. Private funds allow the Trustees to award 100 scholarships a year of $100 each.

Fellowships for scientific research: Blodgett Fellowship in Science of $200; Van der Poel Fellowship in Chemistry; Chilean Nitrate Fellowship of $1,000 yearly; American Trona Corporation Research Fellowship, $1,000 a year; National Fertilizer Association Research Fellowship, $1,500 yearly; Dorr Company Research Fellowship, income of $2,000 yearly; The Chemical Foundation Research Fellowship, $900 yearly; Kay Research Fellowship to study effect of aldehol in control of certain plant insects, $1,800 yearly; Exchange Fellowship with Rothamsted (financed by the International Education Board), $1,500 yearly; International Education Board Fellowships (2)—to provide support for training in soil microbiology, $3,000 yearly; Scandinavian Foundation Fellowship to provide support for training in soil microbiology, $1,200 yearly.

Dates of beginning and ending of sessions: First semester, September 23, 1927; January 28, 1928. Second semester, January 30, 1928; June 9, 1928.

Agricultural Experiment Station devoted to research problems relating to Agriculture attracts students from foreign countries as well as from States outside of New Jersey. Research also in Engineering, Chemistry and Biology.

Summer session: June 25 to August 3, 1928. Enrolment, 1926, 1,148.

University Extension: Extension Service in Agriculture and Home Economics in State of New Jersey in cooperation with Federal Department of Agriculture and County Boards of Agriculture. County Agents employed in 19 counties of the State. Staff of experts maintained. Teacher training extension enrolled 422 students in 1925–26. Division of Industrial Extension (1925) conducts classes in more than 40 industrial centers of New Jersey and enrolls more than 3,000 students annually.

Publications: "International Journal of Soil Science" edited at the College of Agriculture, which also issues scientific and popular bulletins. "Rutgers College Studies" published annually. Annual bulletins and reports.

Achievements year ending June 30, 1926: Gift of land valued at $200,000 by James Neilson for the College for Women. Elizabeth Voorhees Chapel for the Women's College nearly completed. State appropriation of $371,500 for erection and equipment of Physics Building. Total State appropriations was $191,840 more than ever before received. John M. Thomas inaugurated President of the University, October 14, 1925. At the request of the Trustees the United States Bureau of Education agreed to conduct a survey of the University.

Administrative officers: President, John M. Thomas; Dean of College of Arts and Sciences, Walter T. Marvin; Dean of College of Agriculture, Jacob G. Lipman; Dean of the College of Engineering, Edward H. Rockwell; Dean of the College for Women, Mrs. Mabel S. Douglass; Dean of Men, Fraser Metzger; Dean of Women, Leah Boddie; Librarian, George A. Osborn; Registrar, College for Men, Luther H. Martin; Registrar, College for Women, Esther W. Hawes.

SACRED HEART, COLLEGE OF THE

See: College of the Sacred Heart.

ST. AMBROSE COLLEGE

DAVENPORT, IOWA

Catholic college for men.

Founded in 1883 primarily for study of the Classics; expanded courses in 1915.

Board of 14 trustees appointed by the Catholic Bishop of Davenport.

Endowment, $578,000, yielding an income of $32,000. Expenditures year ending September 1, 1926, $132,046.27.

Grounds and buildings: Twenty acres in residence district. Main building, $325,000. One residence hall, $225,000. Gymnasium, $95,000.

Library: 11,000 volumes.

Value of laboratories in Physics, Chemistry and Biology, $45,000.

Classes in physical culture. Stadium.

Requirements for admission: 15 units, including English 3, Foreign Language 2, and Mathematics 2½.

Requirements for A.B. degree: 120 semester hours with 18 hours in major exclusive of beginning subjects.

Departments and Staff: English: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Latin and Greek: 1, 0, 0. Modern Languages: 1, 0, 2. Mathematics and Physics: 0, 1, 1. Chemistry: 1, 0, 0. Biology: 1, 0, 0. Social Sciences: 1, 0, 1. History: 1, 0, 0. Philosophy and Psychology: 1, 0, 0. Religion: 1, 0, 0.

Enrolment, September, 1926, 140.

Degrees conferred June, 1926: A.B., 12.

Tuition, $100 a year. Room and board, $350.

Ten scholarships available.

Dates of beginning and ending sessions: September 13, 1927; June 6, 1928.

Catalog in June.

Administrative officers: President, Reverend U. A. Hauber; Registrar, William E. Lawler; Business Manager, D. M. Hannon.

ST. BENEDICT'S COLLEGE

ATCHISON, KANSAS

Catholic college for men and School of Theology under control of the Order of St. Benedict.

Founded in 1857.

Total annual expenditures year ending June 30, 1926, $90,000.

Total value of grounds (100 acres), buildings and equipment, $1,170,000.

Library: 40,000 volumes; 10,000 pamphlets.

Laboratories in College Hall (1883), valued at $100,000. Value of equipment in principal departments: Chemistry, $900; Biology, $600; Physics, $750.

Physical Education for all. Physical examination required. Gymnasium (1924), $250,000. Athletic fields. Infirmary.

Admission requirements: 16 units, including English 3, Foreign Language 3, History 2, Mathematics 2, Science 2. One condition allowed; must be removed before end of Sophomore year.

Degree requirements: For A.B.: 120 semester hours, including 20 hours in Senior college courses. Rhetoric, 5 hours required of all students. Physical culture required. Chapel attendance required.

Fees: Matriculation, $5; graduation, $10; laboratory, $15 a year; music, $15 a year. Lodging and board, $360 a year. Annual expenses, including living expenses: Liberal, $600; low, $400.

Scholarships: Eight of $300 cash annually.

Dates of beginning and ending sessions: September 7, 1927; June 6, 1928.

Summer session: June 20 to August 5, 1926. Six departments, 18 courses. Attendance, 1925, 220 college students.

Departments and Staff: English: *Professors*, 1; *Assistant Professors*, 1; *Instructors*, 0. Latin: 1, 0, 0. Greek: 1, 0, 0. Chemistry: 1, 0, 1. French: 0, 0, 1. Economics: 1, 0, 0. Philosophy: 1, 0, 0. Mathematics: 1, 0, 0.

Enrolment for year ending June 30, 1926, 168 students.

Degrees conferred year ending June 30, 1926: A.B., 7.

Catalog in June.

Administrative officers: President, Martin Veth; Dean, Malachy Sullivan; Registrar, Sylvester Schmitz.

ST. BONAVENTURE'S COLLEGE AND SEMINARY

ST. BONAVENTURE P. O., NEW YORK

(Telegraphic Address: Allegany, N. Y.)

Catholic College of Arts and Science for men. Seminary for theological students preparing for priesthood.

In 1856 at the request of Bishop Timon of Buffalo, N. Y., the Franciscan Fathers who had joined his diocese on coming to America from Italy, erected a school and college.

Board of 13 Trustees, elected every three years.

Income: $196,231.27. Total annual expenditures year ending June 30, 1926, $175,109.51. Appropriation of $400,000 for a dormitory to accommodate about 400 students.

Total value of grounds: $79,117. Total

present worth of buildings, $733,800. Total value of grounds, buildings and equipment, $1,337,074.

Library (1887), 18,143 volumes, including 1,904 government documents; 43 current periodicals. Incunabula.

Laboratories: In the basement of the main college building, equipment being worth about $29,000.

Health program: Students examined by a resident physician twice a year. Gymnasium. Infirmary.

Admission requirements: At least 16 units. Two conditions allowed for one semester; one condition allowed for a year.

Degree requirements: 136 semester hours in required subjects for degree in Arts or Sciences. Thesis for Master's degree.

General requirements: All students must participate in some athletic activity. Chapel attendance required.

Departments and Staff: Arts: *Professors*, 29; *Associate Professors*, 2; *Instructors*, 5. Education: 4, 0, 2. Sciences: 6, 2, 3. Theology: 16, 0, 0. Graduate: 4, 3, 0.

Enrolment for year ending June 30, 1926, 446. Total number of matriculates since foundation, 17,187.

Degrees conferred year ending June 30, 1926: B.A., 44; B.S., 16; M.A., 28. Honorary, LL.D., 6.

Fees: Matriculation, $5; graduation, $20; other general fees, $35; laboratory, $10–$15 a semester. Lodging and board, $150 a semester. Annual expenses, $475 to $600.

Scholarships: Twenty-eight, from $100 to $150 a year.

Dates of beginning and ending sessions: First semester: September 23, 1927; January 30, 1928. Second semester: February 1; June 14, 1928.

Summer session: July 5 to August 16, 1928. Arts and Science Departments covering about 10 to 12 courses.

Attendance, 1925: Men, 9; women, 102.

University Extension: Evening classes in undergraduate courses in Liberal Arts, Applied Science and Education.

Catalog in June or July.

Administrative officers: President, Very Reverend Thomas Plassman, O.F.M.; Dean of Theology, Reverend Stanislaus Woywod, O.F.M.; Dean of Arts and Sciences, Reverend Gerald McMinn, O.F.M.; Dean of Education, Reverend Albert O'Brien, O.F.M.; Registrar, Reverend Arthur Brophy, O.F.M.

ST. CATHERINE, COLLEGE OF

See: College of St. Catherine.

ST. ELIZABETH, COLLEGE OF

See: College of St. Elizabeth.

ST. JOHN'S COLLEGE

ANNAPOLIS, MARYLAND

College of Liberal Arts and Sciences for men, privately controlled; non-sectarian; conferring after 1929 only B.A. degree.

College charter received in 1784, as a continuation of King William's School, founded in 1696.

Self-perpetuating Board of Visitors and Governors.

Yearly grant of $50,000 from State of Maryland. Alumni Endowment Fund, now being raised, amounts to about $345,000. Annual budget, $190,000.

Twelve college buildings with land, valued at $700,000. Four dormitories (225).

Library, 14,000 volumes; 40 current periodicals. Special collection: Books given the college by King William.

Laboratories: Two buildings, one partly for Chemistry, one partly for Biology and Physics. Value of scientific equipment, $20,000.

Health program: Physical examination required of all students; three years' work in physical education required. Infirmary. College physician.

Admission requirements: Recommendation from principal and 15 units, including Mathematics 2½, Social Science 2, English 3, Foreign Language 2. One condition permitted which must be removed before Junior year.

Degree requirements: 65 year-hour credits and a general average of C. Major. Honor students relieved of certain requirements; work directly under supervision of a faculty tutor.

Departments and Staff: Art: *Professors*, 1;

Associate Professors, 0; *Assistant Professors*, 0. Biology: 1, 1, 0. Chemistry: 0, 2, 0. Economics: 0, 1, 0. Education: 1, 0, 0. English: 1, 1, 0. French: 0, 1, 1. German: 0, 0, 1. Greek: 1, 0, 0. History: 1, 0, 1. Latin: 1, 0, 0. Mathematics: 1, 1, 0. Naval Science: 1, 1, 0. Philosophy: 0, 0, 1. Physics: 0, 1, 0. Physical Education: 1, 0, 0. Political Science: 0, 1, 0. Psychology: 1, 0, 0. Public Speaking: 0, 1, 0. Spanish: 0, 1, 1.

Enrolment for year ending June 30, 1926, 169.

Degrees conferred year ending June 30, 1926: B.A., 8; B.S., 10. (B.S. discontinued after 1929.)

Fees: Tuition, $250. Total college expenses, including board, room and tuition, $730. Laboratory fees, $5 to $15. Matriculation fee, $10.

Scholarships: Fifty-two scholarships for Maryland residents; 10 tuition scholarships for others; 4 scholarships including board, room and tuition for foreign students; and 6 tuition scholarships for students of high standing.

Employment bureau: In 1925–26 about 40 per cent of the college body received assistance.

Dates of beginning and ending sessions: First semester: Third week in September; Commencement, second week in June.

Catalog in January.

Achievements of year ending June 30, 1926: Institution of Freshman Orientation, "Freshman Week." Institution of honors courses. Raising of $120,000 for endowment. Gift of $25,000 from Carnegie Corporation.

Administrative officers: President, Enoch Barton Garey; Dean, Captain D. M. Garrison, U. S. N. retired; Secretary of the Faculty, George A. Bingley. The Dean is in charge of foreign students.

ST. JOHN'S COLLEGE

LEWIS AND WILLOUGHBY AVENUES,
BROOKLYN, N. Y.

College of Arts and Sciences for men, but having an extension course especially for mature students seeking to gain B.A., B.S., and M.A. degrees. Privately controlled by priests of the Congregation of the Mission.

College opened September 5, 1870. Chartered by State Legislature September 29, 1871. Rechartered by Regents of University of State of New York, December 13, 1906; School of Law established 1925.

Self-perpetuating board of 25 Trustees.

Endowment: About $350,000.

Buildings valued at about $3,500,000.

Library, 10,000 volumes.

Laboratories: Value of equipment in principal departments: Chemistry, $40,000; Physics, $25,000; Biology, $25,000.

Health program: Gymnasium. Athletic field. Organized sports.

Admission requirements: 15 units, including four years of English, History of United States and Civics, Plane Geometry and Algebra; two years of two languages or three years of one. For B.A.: Three years of high school Latin required. No conditions allowed.

Degree requirements: For B.A. or B.S.: 128 hours.

Departments and Staff: Classical Languages: *Professors*, 2; *Associate Professors*, 2; English: 1, 5. History and Social Science, 2, 2. Mathematics: 1, 1. Modern Languages: 2, 1. Philosophy and Religion: 2, 3. Sciences: 3, 1. School of Law: 18, 0. Extension Department, College of Arts and Sciences: 22, 0.

Enrolment for year ending June 30, 1926: College of Arts and Science, 305; Law School, 737.

Degrees conferred year ending June 30, 1926, 67: A.B., 36; B.S., 13; M.A., 16; B.S., 1; LL.D., 1.

Fees: Tuition fee, $5 a semester hour. Library fee, $3 a year. Matriculation, $5. Graduation, $15. Laboratory, $15. Annual expenses: Liberal, $275; low, $200.

Scholarships: Twenty of $225 each.

Forty-five per cent of the students have employment outside of school hours.

Dates of beginning and ending sessions: September 19, 1927; January 31, 1928. February 1, 1928; June 6, 1928.

University Extension: Coeducational afternoon and Saturday classes.

Catalog in June.

Administrative officers: President, Very

Reverend John J. Cloonan, C. M.; Dean of College of Arts and Sciences, Reverend Thomas F. Ryan, C. M.; Dean of Extension Department, Reverend J. Roger Smith, C. M.; Dean of Law School, George W. Matheson; Registrar of College of Arts and Sciences, Frederick E. Kienle.

ST. JOSEPH COLLEGE

17TH AND STILES STREETS,
PHILADELPHIA, PENNSYLVANIA

Catholic College for men; privately controlled by Society of Jesus.

Opened 1851. Chartered January 27, 1852.

Self-perpetuating Board of 5 Trustees.

Income: $31,742. Total annual expenditures year ending June 30, 1926, $31,742.

Total value of grounds: $150,000. Total present worth of 4 buildings, $2,000,000. Total value of grounds, buildings and equipment, $3,000,000.

Library: 40,000 volumes; 100 current periodicals.

Laboratory: Three buildings devoted to laboratory purposes (1926), $53,500. Value of equipment in principal departments, $25,000.

Health program: Gymnasium.

Admission requirements: 15 units, including 4 years Latin, 3 years Greek, 2 years Foreign Language. Mathematics may be substituted for Greek. Two conditions allowed. Must be removed within six months.

Degree requirements: All courses prescribed excepting Junior and Senior years. Thesis required for graduation in any course besides oral examinations at the end of each year.

Attendance required at all religious services, especially on Sunday, and at all College Church services conducted by clergymen connected with the Faculty.

Departments and Staff: Eleven departments and 17 *Professors*.

Enrolment for year ending June 30, 1926, 162.

Degrees conferred year ending June 30, 1926: A.B., 19; B.S., 2. Total number of degrees conferred since foundation, 385.

Annual College fee, $150; laboratory fee, $10 a year; matriculation fee, $5; graduation fee, $10.

Fifteen scholarships.

Dates of beginning and ending sessions: September 15, 1927; January 31, 1928. February 1; June 15, 1928.

Catalog in July.

Administrative officers: President, Reverend Albert G. Brown, S. J.; Dean, Reverend James A. Mullen, S. J.

THE SAINT LAWRENCE UNIVERSITY

CANTON, NEW YORK

University consisting of four schools: College of Letters and Science, Theological School, Law School (located in Brooklyn, New York), and Agricultural School. Coeducational, privately controlled, undenominational (except Theological School, which, with its own funds and own board of Trustees, educates ministers for Universalist Church).

Chartered in 1856. First class graduated from Theological School in 1861; from college in 1865. Law School acquired in 1903; Agricultural School established in 1906.

Board of 30 Trustees, 20 elected by board, 10 elected by alumni. Nine members of Board of Trustees of Theological School elected by Universalist State Convention. Law School board of 9 elected by University trustees. Agricultural School maintained by appropriation from State of New York.

Financial resources: College endowment, March 31, 1926, $1,365,011.64. Income from endowment, $65,984.21. From tuition, $61,054.07. From other fees, $8,348.35. From rents, $1,869.22. From other sources, $18,730.01. Total expenditures (college), $142,985.89. Total expenditures (Theological School), $16,299.07; income, $16,110.32. Total expenditures (Law School), $323,918.18; income, $433,858.61. College endowment increased during the year by $146,610.52. Special gifts, $26,523. Gifts for new buildings, $77,763.91.

Grounds and buildings: Campus, 36 acres; total acreage owned, 338.24. Value of grounds, $101,329; buildings, $750,170.74. Total, $851,499.74.

Herring Library (1869; 1924), 44,000 vol-

umes, including nine departmental collections; 131 current periodicals.

Laboratories: Carnegie Science Hall (1906) and Hepburn Hall of Chemistry (1926). Present worth of buildings, $400,000; of equipment, $100,000.

Health certificate required for entrance; physical education required of men and women. Athletic field. Infirmary. Graduate nurse.

Admission requirements: 15 units, including Latin 4, English 3, Mathematics 2½, History 1, 3 from Greek, French, German and Science, French and Science, Spanish, Spanish and Science, and 1½ units in any other academic subject accredited by New York State Department of Education. Conditions allowed in exceptional cases.

Degree requirements: 120 semester hours. Work in Freshman and Sophomore years largely required; electives offered in Junior and Senior years. Major of 24 hours and related and distributive minors.

Departments and Staff: Astronomy: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1. Chemistry: 2, 1, 1. Economics: 1, 0, 0. Education: 2, 1, 1. English: 1, 1, 1. English Literature: 1, 0, 0. Fine Arts: 1, 0, 0. French, German, and Spanish: 1, 1, 2. Geology: 1, 0, 0. Greek: 1, 0, 0. History and Government: 1, 0, 0. Jurisprudence and Political Science: 1, 0, 0. Latin: 1, 0, 0. Mathematics: 1, 0, 1. Meteorology: 1, 0, 0. Parliamentary Law and Debate: 1, 0, 0. Philosophy: 1, 0, 1. Physics: 1, 1, 1. Public Speaking: 1, 0, 0.

Enrolment, 2,866: College, 573: Men, 334; women, 239. Theological School, 21: Men, 16; women, 5. Law School, 2,092: Men, 1,943; women, 149. Matriculates since foundation, 7,535: College, 2,430; Theological School, 401; Law School, 3,613; Agricultural School, 1,091.

Degrees conferred year ending June 30, 1926: 756: B.A., 19; B.S., 78; M.A., 4; Honorary, 5; LL.B., 619; LL.M., 21; J.D., 8; B.D., 2. Total number of degrees since foundation, 2,216: College, 1,570; Theological School, 296; Law School, 259; Honorary, 91.

Fees: College tuition, $150 a year; Theological School, none; Law School, $180. General fee, College of Letters and Science, averages $75. Additional fees in certain courses in science. Annual expenses, College of Letters and Science, $650 to $900.

Dates of beginning and ending sessions: September 19, 1927; June 12, 1928.

Summer session: July 5; August 15, 1928. Attendance, 1925, 102.

Extension courses in education given to teachers in northern New York.

Catalog in November. President's report in April.

Achievements of year ending June 30, 1926: Gunnison Memorial Chapel, Hepburn Hall of Chemistry, Brewer Field House, Abbott-Young Memorial Temple, and Central Heating Plant completed.

Administrative officers: President, Richard Eddy Sykes, D.D.; Dean, College of Letters and Science, Edwin Lee Hulett; Dean, Theological School, John Murray Atwood, D.D.; Dean, Law School, William Payson Richardson; Director, Agricultural School, Van Crampton Whittemore; Registrar, College of Letters and Science, Ellis Lewis Manning.

ST. LOUIS UNIVERSITY

ST. LOUIS, MISSOURI

Coeducational university of nine schools and eight corporate colleges, owned and controlled by Society of Jesus.

Founded in 1818. Jesuits took charge in 1826. Chartered in 1832. School of Divinity established in 1834; School of Medicine in 1836, but separated from university in 1855. In 1903 Marion-Sims-Beaumont College of Medicine became Medical School. School of Law established in 1842 and reorganized in 1908. School of Philosophy and Science established in 1889. In 1903 St. Louis Dental College was affiliated and in 1908 became an integral part of the university. School of Commerce and Finance founded in 1910; School of Education and Graduate School in 1925. In 1924 St. Mary's Hospital joined to University Medical School. Eight colleges in St. Louis district were merged into St. Louis University in 1925.

Board of 8 trustees, members of Jesuit Order.

Endowment: $600,000 received; $1,000,000 additional pledged. Income from tuition: $400,000. Gifts during year 1925–26: $250,000. Expenditures: $1,600,000.

13 buildings.

Library founded in 1825: 100,000 volumes. Medical Library, 15,000 volumes; 15,000 classified pamphlets and reprints. Fleisher Library on Bacteriology; Loeb Library on Otology and Laryngology; Meltzer collection of scientific books. School of Commerce and Finance and School of Law have libraries.

Student Health Service: Health Service exclusively for day students in Schools of Medicine, Law, Dentistry, Education, Commerce and Finance, and the College of Arts. Staff of six physicians. Dispensary. Physical examination of all freshmen during first semester. Hospital service. Gymnasium (1926), cost $300,000.

Requirements for admission: *College of Arts and Sciences:* Graduation from recognized high school. *Normal School:* A minimum of one year in a recognized College of Arts and Sciences, though in general more advanced work is demanded. *School of Philosophy and Science:* Completion of at least two years of study in Normal School of St. Louis University or equivalent training. *Graduate School:* Bachelor's degree in Arts or Science from a recognized College of Arts. *School of Divinity:* A Master's degree, usually in Arts. *School of Medicine:* Two years of specified study in a recognized College of Arts and Sciences. *School of Dentistry:* One year of specified study in a recognized College of Arts and Sciences. *School of Commerce and Finance:* Graduation from a recognized high school. Students unable to meet the full high-school requirement, but mature by reason of age or experience, may be admitted without the right to college credit, as candidates for recognized certificates. This exception is not allowed in the day classes of this school. *School of Education:* Graduation from a standard recognized high school. *School of Law:* The completion of two years of specified and acceptable study in a standard, recognized College of Arts and Sciences.

Degrees are awarded in College of Arts, School of Commerce and Finance, School of Education after four years. Day or night sessions of School of Law require two years of college for admission and award degrees in three years (day) and four years (night). School of Dentistry requires one year of college and four years of Dentistry. School of Medicine requires two years of college and four years of Medicine.

Departments and Staff: Accounting: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Lecturers*, 13; *Instructors*, 0. Anatomy: 3, 0, 0, 0, 5. Apologetics: 2, 0, 0, 0, 0. Bacteriology: 1, 0, 0, 0, 2. Biological Chemistry: 1, 0, 10, 0, 0. Biology: 2, 0, 0, 0, 1. Business Administration: 0, 0, 0, 6, 0. Chemistry: 1, 0, 0, 0, 3. Dermatology: 1, 0, 0, 0, 2. Dogmatic Theology: 3, 1, 0, 0, 0. Economics: 0, 0, 0, 1, 2; Education, 1, 2, 0, 0, 1. English: 2, 3, 0, 0, 2. Ethics: 1, 1, 0, 0, 0. Expression: 4, 0, 0, 0, 1. Geophysics: 2, 0, 1, 0, 1. Greek: 1, 0, 0, 0, 3. Gynecology and Obstetrics: 1, 1, 1, 0, 6. History: 5, 0, 0, 0, 3. Hygiene: 3, 0, 0, 0 1. Internal Medicine, 2, 3, 4, 0, 28. Latin: 2, 0, 0, 0, 1. Law: 7, 1, 0, 13, 1. Liturgy: 0, 1, 0, 0, 1. Logic: 1, 1, 0, 0, 0. Mathematics: 2, 0, 0, 5, 2. Metaphysics: 3, 1, 0, 0, 0. Military Hygiene: 3, 0, 0, 0, 0. Modern Languages: 0, 0, 1, 0, 2. Moral Theology: 2, 0, 0, 0, 0. Music: 0, 0, 0, 0, 2. Neurology and Psychiatry: 2, 1, 1, 0, 4. Operative Dentistry: 5, 0, 0, 0, 7. Opthalmology: 2, 2, 3, 0, 7. Orthopedic Surgery: 1, 0, 2, 0, 1. Otolaryngology: 2, 1, 3, 0, 4. Pathology: 1, 0, 1, 0, 1. Pediatrics: 2, 1, 4, 0, 7. Pharmacology: 1, 1, 0, 0, 0. Philosophy: 0, 1, 1, 0, 0. Physics: 2, 0, 1, 0, 2. Physical Education: *Directors*, 1; *Physicians*, 1; *Assistants*, 4. Physiology, 1, 1, 0, 0, 1. Prosthetic Dentistry: 2, 1, 0, 1, 4. Psychology: 2, 1, 0, 0, 1. Radiology: 1, 1, 0, 0, 2. Sacred Scripture: 1, 0, 0, 0, 0. Sociology: 2, 0, 0, 0, 0. Surgery: 7, 5, 1, 0, 15. Urology: 2, 0, 2, 0, 5.

Enrolment for the year 1925–26: 2,775, of whom about 200 were women.

Degrees conferred June, 1926: 363: Col-

lege of Arts, 49; School of Law, 18; School of Medicine, 160; School of Dentistry, 73; Commerce and Finance, 23; School of Education, 4; School of Philosophy, 3; Graduate School, 33.

Fees: Matriculation fee, $5. Student Health fee, $5. Students' Activities fee, $10. Diploma fee, $10. Tuition Fees: College of Arts and Sciences, $200 a year; School of Medicine, $325; School of Dentistry, $250; School of Law: Day Courses, $200 a year; Evening Courses, $150 a year; School of Education, $200 a year; Graduate School, $6.25 a semester hour; School of Commerce and Finance: Day Courses, $200; Evening Courses, $150. Room and board near University varies from $35 to $50 a month.

Scholarships: 14. Fellowships and Assistantships: In Medical School, 30 fellowships, assistantships, and graduate assistantships.

Dates of beginning and ending sessions: September 16, 1927; June 4, 1928.

Summer session: June 18 to July 31, 1928. Attendance, 1925, about 300.

Evening sessions in Law and Commerce and Finance.

Catalog in June. President's report in June.

Achievements, year ending June 30, 1926: Establishment of School of Education. Merger of eight Colleges. Erection of $300,000 gymnasium. Raising of admission requirements of Dental School.

Administrative officers: President, Reverend Charles H. Cloud, S.J.; Chancellor, Reverend Samuel H. Horine, S.J.; Secretary, Reverend Joseph L. Davis, S.J.; Dean, College of Arts and Science (215 North Grand Boulevard), Thomas M. Knapp; Dean, Normal School (Florissant, Missouri), William J. Young; Dean, School of Divinity (3635 West Pine Boulevard), Bernard J. Otting; Dean, School of Medicine (1402 S. Grand Boulevard), Hanau W. Loeb; Dean, School of Law (3642 Lindell Boulevard), Alphonse G. Eberle; Dean, School of Philosophy and Science (3635 Lindell Boulevard), James I. Shannon; Acting Dean, Graduate School (221 N. Grand Boulevard), Alphones M. Schwitalla; Dean, School of Dentistry (3556 Caroline Street), James P. Harper; Dean, School of Commerce and Finance (203 N. Grand Boulevard), George W. Wilson; Dean, School of Education (221 N. Grand Boulevard), George A. Deglman.

ST. MARY'S COLLEGE

NOTRE DAME, INDIANA

Catholic college for women. Privately controlled. Administration and faculty composed of members of the Congregation of the Sisters of the Holy Cross.

Founded 1842, in Vincennes, Indiana. Moved to present site in 1855. Chartered by State of Indiana. Degrees conferred first in 1898.

Board of 7 Trustees, members of the Congregation of the Sisters of the Holy Cross.

Grounds and buildings: Total value of grounds: $893,600. Total present worth of 7 buildings: $1,966,000. Total value of grounds, buildings, and equipment: $2,859,600.

Library: 15,958 volumes; 103 current periodicals.

Laboratories: Biology, Chemistry, Physics, and Home Economies. Value of equipment: $9,000.

Observatory: Six-inch refractor.

Health program: Gymnasium. Physical training required during first two years.

Admission requirements: 15 units; 10 units are prescribed; 5 units may be in vocational studies. One condition allowed; must be made good within one year.

Degree requirements: 128 semester hours. Thesis. Required of all: Philosophy, 18 hours; English, 20; American Government and Politics, 3; Language, 12; Scripture, 4.

Every student required to attend chapel once on Sunday.

Departments and staff: Classics: *Professors*, 2; *Associate Professors*, 0; English: 3, 2. Fine Arts: 2, 0. Home Economics, 2, 2. Journalism: 1, 2. Languages, 4, 2. Music: 8, 4. Philosophy, 1, 1. Science: 3, 1. Social Sciences, 1, 1. Speech: 1, 2.

Enrolment for year ending June 30, 1926: 281.

Degrees conferred year ending June 30, 1926: 30.

Tuition and board, $600 a year.

4 scholarships.

23 per cent of students earned way through college during year ending June 30, 1926.

Date of beginning sessions: September 21, 1927; June 12, 1928.

Summer session: June 20 to July 1, 1928. 6 departments offered 26 courses in 1926. Attendance 1925: 149.

Administrative officers: President, Mother M. Pauline; Dean, Sister M. Claudia.

ST. MARY'S COLLEGE

ST. MARYS, KANSAS

College for men, privately controlled, by Society of Jesus.

Chartered by State of Kansas, December 24, 1869. Outgrowth of Indian Mission and School established in 1848. As early as 1842 United States Government assigned $300 yearly for instruction of pupils, pioneers in Kansas. In autumn of 1848, boarding students began their studies in what is now known as St. Mary's College.

Board of Trustees, subject to Jesuit Order.

Endowment: $1,454,585. Income from other sources, $428,274.50. Annual budget: $325,000.

Sixty-nine buildings and 1,850 acres valued at $1,528,000.

Library, 32,000 volumes and periodicals.

Laboratory equipment valued at $25,872.50.

Health program: Gymnasium. Full-time nurse. Physical training for all students.

Admission requirements: 15 units, including for A.B., English 3, Mathematics 2, Latin 4, History 1, Science 1.

Degree requirements: Four years' course, largely prescribed. Thesis.

General requirements: Attendance required at Mass every morning in Chapel and on Sunday. All students live at College, with the exception of those whose parents reside in the town of St. Marys.

Enrolment for year ending June 30, 1926, 178.

Degrees conferred year ending June 30, 1926, 9: A.B., 5; B.S., 4. Total degrees conferred since 1882: 507.

College fee, $234.25 a semester. Matriculation fee, $5.

Knights of Columbus Scholarships valued at $3,000 annually.

Twelve per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning sessions: First semester: September 15, 1927; January 30, 1928. Second semester: January 30, 1928; June 12, 1928.

Achievements of year ending June 30, 1926: Opening of Rodman Hall; cost $265,000.

Administrative officers: President, Reverend B. J. Rodman, S. J.; Dean of the College, Reverend A. Berens, S. J.; Registrar, John F. Ryan.

ST. MARY'S COLLEGE

PRAIRIE DU CHIEN, WISCONSIN

Catholic college for women.

At point where Father Marquette discovered the Mississippi River and on the site of Fort Crawford built in 1829 by Colonel Zachary Taylor, John Lawler, who had acquired the property, established St. Mary's Institute in 1872. In 1897 name changed to St. Mary's Academy. College courses offered in 1913.

Corporation known as The School Sisters of Notre Dame.

Grounds include 27 acres.

Library, 80,000 volumes.

Health program: Gymnasium. Physical training required.

Admission requirements: 15 units, including English 3, Algebra 1, Geometry 1; 2 in Foreign Language, Science or History.

Degree requirements: 128 semester hours, 8 of which must be in Religion. 128 grade points. Major subject and thesis.

Departments and Staff: Bible: *Professor*, 1. English, 1. Education: 1. German and Spanish: 1. History and Social Science, 1. Latin: 1. Mathematics: 1. Philosophy: 1. Science: 1. Speech: 1.

Enrolment for year ending June 30, 1926, 105.

Degrees conferred year ending June 30,

1926, 9. Total number of degrees conferred since foundation, 32: B.A., 28; B.O., 2; Mus.B., 1; Ph.B., 1.

Fees: Tuition fee, $50 a year; matriculation, $5; graduation, $15; gymnasium, $2.50; laboratory, $5 to $10; library, $3. Lodging, board and laundry, $175.

Dates of beginning and ending sessions: September 21, 1926; December 21, 1926. January 6, 1927; second week in June.

Summer session: July 2–August 6, 1926. Six departments offered 10 courses. Attendance, 1926, 120.

Administrative officers: President, Mother M. Angela, S.S.N.D.; Dean, Sister Mary Eugene, S.S.N.D.; Registrar, Sister Mary F. Xavier, S.S.N.D.

SAINT MARY-OF-THE-WOODS COLLEGE

SAINT MARY-OF-THE-WOODS, INDIANA

Catholic College for women. Privately controlled by the Sisters of Providence.

Founded October 22, 1840, by Mother Theodore Guérin and five other Sisters of Providence from Ruillé-sur-Loir, France. Chartered January, 1846. Powers confirmed and extended in 1908.

The college is under the direction and management of the Sisters of Providence, a self-governing body. A million dollar Endowment Campaign is in progress.

More than 30 buildings.

Laboratories and libraries at present housed in various buildings.

Health program: Medical and physical examinations required annually. At least two years of physical education required. Swimming test required before graduation. Part-time college physician and trained nurses. Infirmary and hospital service.

Admission requirements: 15 units. For B.A., Classical: English 3, Latin 4, Greek, French, German or Spanish 2, History 1, Mathematics 2½, Science 1, Electives 1½. B.A., Literary: English 3, Latin, French, German or Spanish 2, History 1, Mathematics 2, Science 1; selected from the above mentioned subjects 2, electives 4 units. B.S.: English 3, Latin 2, German or French 2, History 1, Mathematics 2½, Science 2, electives 2½ units. No fewer than 2 units in any one language will be given entrance credit. Candidates for a degree must attain an average of 75 in at least 8 of the required hours each semester.

Degree requirements: 120 semester hours exclusive of Religion and Physical Education. Freshman course mostly prescribed. Major of 22 to 24 semester hours in one department. Related minor.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 3. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Commerce and Finance: 1, 0, 0, 0. Classical Languages: 1, 0, 0, 1. Economics and Sociology: 1, 0, 0, 0. Education: 1, 0, 0, 1. English Language and Literature: 1, 2, 0, 2. History: 1, 1, 0, 1. Home Economics: 1, 0, 1, 0. Mathematics: 1, 0, 0, 0. Modern Languages: 2, 0, 0, 2. Music: 1, 1, 0, 4. Oral Expression: 1, 0, 0, 0. Philosophy and Psychology: 1, 1, 0, 0. Physics: 1, 0, 0, 0. Physical Education: 0, 0, 0, 2. Religion and Biblical Literature: 1, 0, 2, 2.

Enrolment for the year ending June, 1926, 242.

Degrees conferred year ending June, 1926, 26. Total number of degrees conferred since foundation, 273: B.A., 254; B.S., 13; B.M., 6.

Fees: Tuition and board for year, $600. Average charge for room, $200. Necessary fees and incidental expenses approximate $200.

Four scholarships.

First semester begins second week in September and ends January 31; second semester begins February 1 and ends first week in June.

Summer school conducted for members of Community of Sisters of Providence only. June 29 to August 4. Attendance, 1925, 798.

Saint Mary-of-the-Woods Bulletin includes catalog in April.

Administrative officers: President, Mother Mary Raphael; Vice-President, Sister Francis Joseph; Dean, Sister Euphemia; Registrar, Sister Celeste.

ST. OLAF COLLEGE

NORTHFIELD, MINNESOTA

College of Liberal Arts and School of Music. Coeducational.

Founded as an academy, St. Olaf's School, November 6, 1874. Chartered as St. Olaf College September 26, 1889. In 1899 the college entered into permanent relationship with the United Norwegian Lutheran Church of America, a body which was merged with other Lutheran synods into the Norwegian Lutheran Church of America in 1917.

Board of 5 trustees, elected from the membership of the Norwegian Lutheran Church of America by the General Convention of that body.

Endowment: $302,000. In May, 1926 an endowment campaign resulted in pledges amounting to $762,000. Other financial assets: Property valued at $215,000 held by the St. Olaf Corporation, an organization distinct from the college corporation; the Thorson Estate, valued at $750,000, to be used for building. Total income for 1925–26, $214,000, including an appropriation of $70,000 from the Norwegian Lutheran Church of America. Total expenditures for 1925, $213,500. Budget, 1926–1927, $215,000.

Grounds and 12 buildings valued at $900,000. Residence halls accommodate 240 men and 130 women.

Library (1902), 25,000 volumes.

Laboratories in Biology, Chemistry, Home Economics, and Physics in a building erected in 1925; cost approximately $315,000, including equipment.

Health program: Gymnasium (1920), cost $130,000. Physical examination of entering students; all upper class students examined each year. Physical training required for three years. College hospital with resident nurse.

Admission requirements: 15 units, including English 3, Mathematics 2, elective, 10 units, of which not more than 4 may be in vocational subjects. Condition in one unit allowed, provided applicant offers at least 15 units; must be removed within one year.

Degree requirements: For A.B., 128 semester hours. Major of 18 to 24 semester hours in one department; specific courses in English and Religion; group requirements in Foreign Language, Laboratory Science, and Social Science; and 3-year courses in Physical Training. School of Music confers degree of B. of Mus. on candidates who have completed a 4-year course, largely prescribed, in theoretical and applied music. Requirements for entrance same as for A.B. course.

Departments and Staff: Biology: *Professors*, 2; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 2, 0, 0, 1. Economics and Sociology: 1, 1, 0, 1. Education: 1, 0, 1, 0. English: 1, 0, 2, 4. German: 2, 0, 0, 0. Greek: 1, 0, 0, 0. History: 2, 0, 2, 0. Home Economics: 1, 0, 1, 0. Latin: 1, 0, 0, 0. Mathematics: 0, 1, 0, 1. Music: 1, 1, 4, 2. Norwegian: 1, 0, 3, 1. Philosophy: 1, 0, 0, 0. Physical Education: 0, 1, 1, 0. Physics: 1, 0, 1, 1. Religion: 4, 0, 0, 0. Romance Languages: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 1,005: College, 982. School of Music (only), 23. Men, 552; women, 453. Total number of matriculates since foundation, 7,865.

Degrees conferred year ending June 30, 1926, 185: A.B.: Men, 93; women, 88. Bachelor of Music: Men, 1; women, 3. Degrees conferred since foundation, 2,033: A.B., 1,906; B.S., 92 (1903, 1910); B.Mus., 13; M.A., 11; M.S., 4; Honorary degrees, 7.

Fees and expenses: Tuition and general fees, $144 a year. Matriculation fee, $3; graduation fee, $5. Laboratory fees from $2 to $16 a course. Approximate cost of board and room, $250 to $300 a year. Average annual expenses for a student, from $450 to $750.

Scholarships: One graduate, 6 undergraduate scholarships; an indefinite number of Freshman tuition scholarships. In 1925–26 total amount expended for Freshman scholarships was $2,925.

About 70 students find part-time employment at the college.

First semester: First Wednesday in September.

Catalog forms March number of college bulletin.

Achievements of the year ending June 30, 1926: Successful completion of an endowment campaign resulting in a total of $762,000 in pledges for endowment; erection of one section of a new music building at a cost of $100,000.

Administrative officers: President, Reverend L. W. Boe, D.D.; Dean of Men, J. Jorgen Thompson; Dean of Women, Miss Gertrude M. Hilleboe; Registrar, George O. Berg. Officer in charge of foreign students, the Registrar.

ST. STEPHEN'S COLLEGE

ANNANDALE-ON-HUDSON, DUTCHESS COUNTY, NEW YORK

(Railroad Station: Barrytown, New York)

Name for bequests: The Trustees of St. Stephen's College, Annandale, N. Y.

College for men, privately controlled. Trustees and President must be communicants of the Episcopal Church.

Chartered by the State of New York on March 20, 1860. Instruction was begun in July, 1860. For three years a training school for theological seminaries; and thereafter the institution became a College of Arts, Literature and Science. College reorganized in 1918.

Board of Trustees composed of the Bishop of New York, 3 members elected by the alumni, 3 members elected by the Province of New York and New Jersey of the Episcopal Church, one member appointed by the Standing Committee of the Diocese of New York, and 24 members elected by the Board itself for life. All members must be communicants of the Episcopal Church.

Endowment: $295,000. Grant of $10,000 a year from the Episcopal Church and one of $15,000 a year from the New York Society for the Promoting of Religion and Learning. Annual budget, 1926–27, $190,000.

Campus of 40 acres and 15 buildings valued at $1,200,000.

Hoffmann Memorial Library (1892), 34,185 volumes; 80 current periodicals.

Hegeman Memorial Science Building (1924), cost $240,000 (Chemistry, Physics and Biology).

Health program: Gymnasium. Part-time college physician. Full-time nurse. Hospital and free clinic. Annual medical examination required.

Admission requirements: 15 units, including English 3, Foreign Language 2, and Mathematics 2. A student entering without 4 entrance units in an ancient language, or without Ancient History, or without 2 entrance units in a modern language, is required to take these subjects in college, but is allowed college credit therefor, provided he offers 15 additional entrance units. For the Classical Course there is an additional requirement of 2 units in Latin. For the Scientific Course there is an additional requirement of 1 unit in Science. Full admission without restriction is reserved for College Entrance Board and New York State Regents' certificates. In exceptional cases men are accepted with not to exceed 2 units of conditions, if their other work is of extraordinary quality.

Degree requirements: For a pass degree 126 semester hours. Leading to this degree four courses of study have been arranged, each with a background of humanism, concentrating emphasis respectively on Classics, Literature, Social Science, or Science. For Honors degree: The first two years of pass work; in last two years work independent of classroom and time restrictions, under direction of head of a department, followed immediately before graduation by written and oral comprehensive examination, conducted by scholars not connected with this college.

General requirements: No pass student may take less than four courses at a time. Physical education required. Attendance at daily evening chapel and the Sunday morning chapel required. Residence in dormitories required during term time. All students required to dine in hall.

Departments and Staff: Biology: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 0, 1, 0, 1. Economics and Sociology: 1, 0, 0, 0. English: 1, 1, 0, 1. Germanic Languages: 0, 1, 0, 0. Greek: 1, 0, 1, 1. History:

0, 1, 0, 0. Latin: 1, 1, 0, 1. Mathematics: 1, 0, 0, 0. Philosophy: 0, 1, 0, 0. Physical Education: 0, 0, 0, 1. Physics: 0, 0, 0, 1. Psychology: 0, 1, 0, 0. Public Speaking: 1, 0, 0, 2. Religion: 1, 0, 0, 0. Romance Languages: 1, 0, 0, 1.

Enrolment limited to 250.

Degrees conferred year ending June 30, 1926: A.B., Pass, 13; Honors, A.B., 3.

Fees: Annual tuition fee, $250; board in hall, $250; room, $100; graduation fee, $10; laboratory fee for 3-hour course, $10 each semester.

Sum of $3,000 awarded annually in scholarships.

Employment bureau: Approximately three-fourths of the student body partially earn their way through college by working during summer.

Dates of beginning and ending sessions: First term begins on Monday nearest the middle of September and ends the last week in January. Second term begins on the following Monday and ends the second week in June.

Publications: St. Stephen's College Bulletin, quarterly. Annual catalog.

Achievements of year ending June 30, 1926: Elimination of intercollegiate football.

Administrative officers: President, Bernard Iddings Bell, D.D.; Dean, Edwin C. Upton; Registrar, George A. Libaire.

ST. TERESA, COLLEGE OF

See: College of St. Teresa.

ST. THOMAS, COLLEGE OF

See: College of St. Thomas.

ST. VINCENT COLLEGE

BEATTY, PENNSYLVANIA

Catholic college for men. Privately owned, under control of the Benedictine Order.

Founded October 20, 1846. Chartered April 18, 1870.

Self-perpetuating Board of Trustees, subject to the veto of the president, who is at the same time the Superior of the Religious Community of men who form the teaching body.

Grounds and buildings: Fifteen buildings have an approximate value of $1,500,000. Farm land forming the property of the community comprises about 800 acres.

Main library: 55,000 volumes. Five departmental libraries, containing 15,000 additional volumes.

Chemical and Physical laboratories located in one building and the Biological laboratory in another. The scientific apparatus valued at $60,000.

Natural history museum.

Health Program: All students take part in athletic games of some kind. Physical training provided for younger students. Gymnasium.

Admission requirements: For A.B. course: Four units each in English and Latin, two in Greek, two in a modern Language, one each in History, Algebra, and Geometry, and two elective. For the B.S. degree: Four years of English, two each in Latin and modern language, one each in History, Algebra, Geometry, and Science, and four elective.

Degree requirements: For A.B.: 82 semester hours in specified subjects, 38 hours of elective subjects. For B.S.: 94 semester hours of specified work and 26 semester hours of electives. All students live in the college, and from students that come from other colleges at least one year of residence is required. Thesis required.

General requirements: Students required to attend mass daily and on Sundays further required to attend a sermon and vespers.

Departments and Staff: Biology: *Professors*, 1; *Assistants*, 2. Chemistry: 2, 1. Education: 1, 0. English: 2, 0. Evidences: 3, 0. Greek: 3, 0. History: 1, 0. Latin: 3, 0. Physics: 1, 2. Sociology: 1, 0.

Degrees conferred year ending June 15, 1926: 22. Total number of degrees conferred since granting of charter: 432: A.B., 213; A.M., 194; B. of Mus., 8; M. of Mus., 6; Doctor of Music, 4; Honorary Degree in Accountancy, 1; Honorary Degree in Architecture, 1; Honorary Degree of Doctor of Laws, 4; Honorary degree of Doctor of Letters, 1.

Fees and other expenses: Entrance fee, $5;

college fee, $10 annually; tuition, $125; A.B. degree, $10; A.M. degree, $15; board and lodging, $350; private rooms, $50 and $75; laboratory fee, $7.50 a semester.

Scholarships: A few scholarships cover board and tuition, but not extra fees.

Dates of beginning and ending sessions: First semester: September 15; January 31. Second semester: February 1; June 15.

College does extension work in other institutions in Latin, Greek, Philosophy, English, Biology, and Sociology.

Catalog annually.

Administrative officers: President, Right Reverend Aurelius Stehle, O.S.B., D.D.; Vice-President, Reverend Walter Stehle, O.S.B.; Dean, Reverend Gerard Bridge, O.S.B.

ST. XAVIER COLLEGE

EVANSTON STATION, CINCINNATI, OHIO

Catholic college for men, controlled by the Society of Jesus.

Founded in 1831 as the Athenæum. Institution was taken over by the Jesuits in 1840 when the name was changed to St. Xavier College. Charter granted in 1869.

Self-perpetuating board of trustees.

Campus of 32 acres and 5 buildings valued at $1,000,000.

Library (1925) cost $250,000; 63,000 volumes.

Laboratories: Science building (1920) contains all science laboratories.

Seismograph station installed at St. Xavier College in 1926. Will be connected with the Jesuit Seismological Association.

Health institute conducted by Dr. Emerson, formerly of Dartmouth, held during year 1925–1926.

Admission requirements: For A.B.: English, 4 units; Mathematics, 2; Latin, 4; History, 1; Science, 1. For B.S. and Ph.B.: Two years of a foreign language may be offered instead of Latin. Students not having the prescribed four units in Latin or the two units in Foreign Language may be admitted. This condition must be removed in first year of residence.

Degree requirements: 128 hours. Prescribed subjects for A.B., include English, 12 hours; Latin, 16; Modern Language, 22; Science, 8; Public Speaking, 4; Mathematics 6, or Greek, 12; History, 6; Philosophy, 15; Religion, 8. For B.S. Latin is not required, but 28 hours of Science and 12 hours of Mathematics are required. For Ph.B. Latin is not required.

General requirements: Chapel assembly for all Catholic students required. All resident Catholic students required to attend mass on Sunday in the college chapel.

Departments and staff: Accounting: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biology: 1, 0, 0, 2. Chemistry: 1, 1, 0, 1. Cosmology-Ontology: 1, 0, 0, 0. Dialectics-Epistemology: 1, 0, 0, 0. Economics: 0, 0, 0, 1. Education-Sociology: 1, 0, 0, 0. English, 1, 0, 1, 2. Evidences of Religion: 1, 3, 1, 0: French: 1, 0, 1, 0. German, 1, 0, 0, 1. Greek: 1, 1, 0, 0. History: 1, 0, 0, 0. Latin. 1, 0, 1, 1. Mathematics: 1, 0, 0, 1. Psychology: 1, 1, 0, 0. Physics: 1, 0, 0, 1. Public Speaking: 1, 0, 1, 1. Spanish: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926: College of Arts, 307; Normal School, 270; Summer Session, 335.

Degrees conferred year ending June 30, 1926: B. A., 62; B. S., 2; Ph.B., 15; LL.B., 13; B.S. in Commerce, 2.

Fees: Tuition, $150 a year. Board and room, $600 a year. Matriculation, $5. Graduation, $25. Laboratory fee, $10.

Scholarships allowed to juniors and seniors who have attended St. Xavier College for two years and who have maintained an average of "C" in their college work.

Students' Welfare Bureau maintained by Alumni Association. Practically one-half of the students earn part of their fees; at least one-fourth pay all their college fees.

Dates of beginning and ending sessions: First semester: September 14, 1927; February 7, 1928. Second semester: February 8; June 6, 1928.

Summer session: June 20 to August 3, 1928. Attendance, 1925: 335.

Catalog in summer.

Achievements of year ending June 30, 1926: Library building completed. Donation of $200,000 by Walter Schmidt, an alumnus. Work on gymnasium begun.

Administrative officers: President, Reverend Hubert F. Brockman, S.J.; Dean, Reverend Daniel M. O'Connell, S.J.; Registrar, Ronald Jeanmougin.

SALEM COLLEGE

WINSTON-SALEM, NORTH CAROLINA

College for women.

Salem Academy founded in 1772. In 1802 a boarding department introduced. In 1866 a college charter was granted to Salem Academy and College.

Board of 15 trustees, men and women, elected at three-year intervals by the Synod of the Moravian Church South.

Endowment: $425,000. Income from endowment: $22,000. Income from other sources: $80,000.

Grounds and buildings: Residence halls (250). Total value of grounds (55 acres): $75,000. Total present worth of 13 buildings: $350,000. Total value of grounds, buildings and equipment: $525,000.

Library (1860): 11,000 volumes; 55 current periodicals. Special collections: Text books since 1802.

Laboratories: Science building. Present worth: $25,000. Value of equipment: $15,000.

Wachovia Historical Museum immediately adjoining campus.

Health program: Preliminary examination prior to entrance. Department examination upon entrance. Gymnasium. Infirmary.

Admission requirements: For A.B., and B.S.: 15 units including English 4, Mathematics 3, Modern Language 2, History 1. For A.B. in addition Latin 4; For B.S., in addition, Science 1. For School of Music: English 4, Modern Language 2. Conditions must be removed before beginning of Sophomore year.

Degree requirements: 128 semester hours. Major subject, 24 semester hours. Minor subject, 12 semester hours, taken any two years after Freshman year. Prescribed courses for A.B., include English, Latin, Mathematics or Physics, Modern Language, History, Science, Bible and Hygiene. For B.S.: English, Mathematics, Modern Language, Education, Science, and Bible. For B.S., in Home Economics: English, History, Modern Language, Science, Economics, Education, Home Economics, and Bible.

Physical education required during two years. Chapel attendance required.

Departments and Staff: Education and Psychology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 6. English: 1, 0, 0, 4. History and Economics: 1, 0, 0, 2; Home Economics: 1, 0, 0, 2; Mathematics: 1, 0, 0, 0; Modern Languages and Latin: 1, 0, 1, 3; Music: 1, 0, 3, 6; Physical Education: 1, 0, 0, 2; Science: 1, 1, 0, 2.

Enrolment for year ending June 30, 1926: 272. Summer School of Music, 125. Educational Extension 154. Total number of matriculates: 11,000.

Degrees conferred year ending June 30, 1926: 41.

Fees: Tuition, $130. Matriculation, $10. Graduation, $5. Laboratory, $10. Library, $5. Room and board, $440. Annual expenses: Liberal, $750; low, $550. 21 Scholarships.

Dates of beginning and ending sessions: Second Tuesday of September to first Tuesday of June.

Summer Session: Six weeks Master Music School and Choir School. Attendance 1925: 175.

University extension: With city schools of Winston-Salem and under sanction of State Department of Education, college extension work given for grade and high school teachers.

Catalog in March.

Administrative officers: President, Howard E. Rondthaler; Dean of Women, Lula M. Stipe; Registrar, Marian Blair.

SCRIPPS COLLEGE

See: Pomona College.

SETON HILL COLLEGE

GREENSBURG, PENNSYLVANIA

College for women, owned and controlled by the Mother Seton Sisters of Charity, a Catholic religious community. Courses lead to A.B., B.Mus., and B.S. in Home Economics.

Founded in 1883. Incorporated in 1889. Charter permitted to lapse in 1894. In 1912 a junior college was opened; two years of study were added in 1913. In 1918 a new charter was obtained, again raising institution to college rank.

Board of 25 persons chosen by the Sisters of Charity.

Budget: $300,000.

Grounds and 12 buildings represent an investment of $2,000,000.

Laboratory facilities for Chemistry, Physics, Biology and Household Science.

Library: 12,000 volumes.

Health Program: Nurse. Medical inspection of all students at beginning of each year. Prescribed physical training for Freshmen and Sophomores.

Admission requirements: 16 units, including English 3, Elementary and Intermediate Algebra 1½, Plane Geometry 1, Latin 4, or Latin 3 and Foreign Language 2. The remaining units are elective, not more than two of which may be vocational subjects.

Degree requirements: 128 credits not including work in physical training and hygiene. Of these none may be below 61. The 18 credits that are required in a student's major subject must not fall below 81.

Departments and Staff: Bible: *Professors* 1; *Associate Professors* 0; *Assistant Professors* 0; *Instructors* 0. Biological Sciences: 1, 1, 0, 1; Chemistry: 1, 1, 0, 0. Comparative Literature: 1, 0, 0, 0. Education: 1, 1, 0, 0. English: 1, 3, 0, 0. Fine Arts: 0. 0. 0, 2. French: 1, 0, 1, 0. German: 1, 0, 1, 0. Greek: 1, 0, 0, 0. History: 1, 1, 0, 0. Home Economics: 1, 1, 1, 1. Italian: 0, 0, 1, 0. Latin: 1, 1, 0, 1. Mathematics: 1, 0, 1, 0. Music: 1, 1, 4, 0. Philosophy: 1, 0, 0, 0. Psychology: 1, 1, 0, 0. Physics: 0, 0, 1, 0. Physiology and Hygiene: 0, 0, 1, 2. Religion: 0, 1, 0, 1. Social Science and Economics: 1, 0, 1, 0. Spanish: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: 986; Summer session, 377; 236 throughout the year; extension, 373.

Degrees conferred June, 1926, 39: A.B., 28; B.Mus., 2; B.S., in Home Economics, 9. Total number of degrees conferred since foundation, 155.

Expenses for a year, including tuition, board and residence, $500 to $650.

Thirty scholarships.

Scholastic year of 38 weeks is divided into two semesters, the first commencing on third Friday of September, the second on first Monday of February.

Summer sessions of six weeks.

College bulletins published four times a year include catalog.

Administrative officers: President, Daniel Richard Sullivan; Dean, Sister M. Francesca Brownlee; Registrar, Sister M. Eucharia O'Hagan.

SHORTER COLLEGE FOR WOMEN

ROME, GEORGIA

College for women. Affiliated with Baptist Church.

Charter granted September 30, 1873 by State of Georgia to Cherokee Baptist Female College. Name changed to Shorter College in 1877 in honor of Colonel Alfred Shorter and his wife Martha Shorter.

Self-perpetuating Board of Trustees, all of whom are required to be members of Baptist Church. President must be Baptist.

Endowment: $500,000. Income from all sources, $128,648.92. Budget, 1926–1927, $98,635.09.

Value of grounds, buildings and equipment, $488,846.01.

Library, 12,000 volumes.

Four laboratories.

Health program: Nurse. Examinations at beginning of year. Vaccination and inoculation against typhoid required. Prescribed corrective training for all students through the Junior year.

Admission requirements: 15 units.

Degree requirements: Work of first two years prescribed: English 1, Literature 1, History 1, Social Science 1, Biology 1, Physics 1 or Chemistry 1, Mathematics 1, Bible 1, and Psychology 1. At least 60 of 120 hours required for graduation must be above the passing grade. A major of 25 semester hours and a minor of 15 hours in same concentration group together with a minor of 15 hours. Only B.A. conferred.

General requirements: Daily chapel at-

tendance required. All students not living in their own homes required to live in residence halls.

Departments and Staff: Bible: *Professors*, 1; *Associate Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1. Chemistry: 1, 0, 0. Classical Languages: 1, 0, 0. Education: 1, 0, 0. English: 1, 2, 0. History: 1, 0, 0. Mathematics: 1, 0, 1. Music: 1, 4, 0. Philosophy: 1, 0, 0. Physics: 1, 0, 1. Physical Education: 0, 0, 1. Romance Languages: 1, 2, 0. Social Science: 1, 0, 0.

Enrolment for year ending June 30, 1926, 267.

Degrees conferred year ending June 30, 1926: B.A., 41.

Fees: Room, board and tuition for year of 36 weeks, $525; laboratory fee, $10.

Dates of beginning and ending sessions: September 13, 1927; June 5, 1928.

Catalog in March.

Administrative officers: President, William Davis Furry.

SHURTLEFF COLLEGE

ALTON, ILLINOIS

Name for bequest: The Trustees of Shurtleff College of Alton, Illinois.

Coeducational college under control of Baptist Church.

Founded 1827, by John Mason Peck, a missionary of the Triennial Convention, an organization caring for the interests of Baptists in the United States in 1817. Chartered by State of Illinois, February 9, 1835. Opened in October, 1827. Named Shurtleff College in 1836 in honor of Benjamin Shurtleff, M.D., who made a donation of $10,000 in 1835.

Self-perpetuating Board of 30 Trustees.

Endowment: $437,477.72. Expenditures, 1925–26, $133,000. Annual budget, $75,000 for administration and instruction.

Grounds and buildings: Three dormitories, one for men (50); two for women (50). Value of grounds (35 acres), $120,000; buildings, $260,000. Total value of plant, $415,000.

Carnegie Library, 18,000 volumes.

Science Building.

Health program: Gymnasium (1919). Two years of physical education required. Athletic field.

Admission requirements: For A.B.: English 3, Latin 4, Mathematics 2, History 1, Laboratory Science 1. For S.B.: English 3, Latin 2, Mathematics 3, History 1, Laboratory Science 1, German, French or Spanish 2. For Ph.B.: English 3, Mathematics 2, Laboratory Science 1, German, French or Spanish 2, Social Science 3.

Degree requirements: A major of at least 24 hours inclusive of required work in the department; a minor of 16 hours inclusive of required work in the department. Prescribed courses, 56 hours. If major and minor are not included in the 56 hours, there remain 32 hours to complete the course. If, however, the major or minor include the required work, there is a greater range of electives.

Departments and Staff: Biology and Geology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Classics: 1, 0, 0. Education: 1, 0, 0. English Literature, Public Speaking and Rhetoric: 3, 0, 0. Government and Economics: 1, 0, 0. History: 1, 0, 0. Mathematics and Physics: 1, 0, 0. Modern Languages: 1, 1, 0. Philosophy: 1, 1, 0.

Enrolment: College, 213; Conservatory, 62; Summer School, 63. Total, excluding duplications, 288. Total number of matriculates since foundation, 6,038.

Degrees conferred year ending June 30, 1926, 28. Degrees conferred since foundation, 894: Bachelors degrees, 709; Masters, 77; Ph.D., 7; Elocution, 2; Music, 44; Honorary, 49.

Fees: Annual fee, $125; approximate cost of board and room, $325; graduation fee, $7.50; laboratory fees, $5 to $7.50. Annual expenses: Liberal, $650; low, $500.

Scholarships and fellowships: A few endowed scholarships, yielding $50 annually.

Employment: About one-third of the student body earn all or part of their expenses.

Dates of beginning and ending sessions: First semester, Tuesday nearest September 15; continues for 18 weeks. Second semester, Monday following close of first semester; continues for 18 weeks. Commencement on Thursday nearest middle of June.

Summer session: Begins Monday after close of winter session and continues 6 weeks. Attendance, 1926, 85.

Extension: Evening classes conducted since the autumn of 1924.

Catalog in April.

Achievements of year ending June 30, 1926: Completion of a campaign to secure conditional gift of General Education Board of $133,333.

Administrative officers: President, George Milton Potter; Dean, Lucius M. Castle; Registrar, Flora M. Adams.

SIMMONS COLLEGE

300 THE FENWAY, BOSTON, MASSACHUSETTS

Technical college for women. Privately controlled. Undenominational.

Founded in 1899 in accordance with the provisions of the will of John Simmons, a Boston merchant who died in 1870 and whose will provided for the endowment and for the accumulation of income until sufficient to provide land and buildings.

Board of not more than 25 trustees, including the president. Three are elected on recommendation of Alumnæ for a period of five years; others are life members.

Endowment: $3,286,747.75. Income from endowment, $173,079.27. Income from students' tuition fees, $265,289.49. Gifts: $19,121.20. Miscellaneous income: $4,234.80. Total annual expenditures, 1925–26, $391,608.58. Budget, 1926–27: $403,500.

Grounds and buildings: Total value of grounds (10 acres), $637,019.56. Total present worth of buildings, $912,803.79. Total value of grounds, buildings and equipment, $1,736,643.56.

Library, 39,600 volumes.

Health program: Medical examination required before admission. Physical examination required at beginning of Freshman year. Close supervision of health in dormitories.

Admission requirements: 15 units, including English 3, one Foreign Language 3 (or in 2 Foreign Languages 4), Algebra 1, Geometry 1, History 1. Two or 1 from following group: English, Foreign Language, Mathematics, History, Specific Sciences. Four free electives. No deficiency in number of entrance units permitted. Examination in Arithmetic (no credit) required of all regular first-year students who are to enter courses in Physics or Chemistry.

Degree requirements: B.S. conferred upon those students who have completed the following requirements: All entrance requirements. All the prescribed subjects in some definite 4-year or 5-year program printed in the catalog, or in some specific program approved by the Committee on Admission and Programs. At least 45 courses. An evaluation of at least 83 in the quality of the courses. An evaluation of at least 22 in the courses of the fourth or final year. A similar standard of quality for all technical work. M.S. conferred on those who complete the following requirements: Every candidate must hold the degree of B.S. from Simmons College, or a baccalaureate degree from some other approved institution. Residence study for at least one year after receiving the bachelor's degree. The work must be the equivalent of 12 term courses and must include one major and one minor subject. The work in the major subject must be three-fourths of a full year's work and must be more advanced than the work required for the baccalaureate degree. The work in the minor subject must be one-fourth of a full year's work and must be done in a department other than that in which the major work is done. A grade of A or B. Subjects elected must be approved by the Faculty Committee on Graduate Students, and courses must be approved by heads of departments. Certificates are granted in June to students who complete successfully the one-year programs in Library Science, in Social Work, in Store Service Education, and in Public Health Nursing, and the one-year or the two-year program in Laboratory Training; and in October to students who complete successfully the studies prescribed in the one-year program in Institutional Management.

General requirements: Physical education during first year required. Attendance at weekly assembly required. Students are

required to live in college dormitories or with their families or immediate relatives. Departments and Staff: Art and Design: *Professors* 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Biology: 1, 0, 3, 5. Chemistry: 1, 1, 2, 3. Economics: 1, 0, 1, 3. Economic Research: 1, 0, 0, 0. Education: 0, 1, 1, 1. English: 1, 1, 7, 3. History: 1, 0, 1, 3. Household Economics: 1, 2, 2, 9. Library Science: 1, 1, 1, 1. Modern Languages: 1, 0, 4, 4. Physical Training: 0, 1, 0, 1. Physics: 1, 0, 2, 2. Psychology: 0, 1, 0, 0. Public Health Nursing: 0, 1, 0, 4. Secretarial Studies: 2, 1, 6, 3. Social Economy: 1, 1, 0, 8. Sociology: 0, 0, 0, 1. Store Service Education: 1, 0, 3, 2.

Enrolment for the year 1925–26, 1,649: Regular, 1331; Extension, 69. Summer (1925) 249. Estimated total number of matriculates since foundation, 25,000.

Degrees conferred during year ending June 30, 1926, 294: M.S., 25; B.S., 269. Degrees conferred since foundation, 3,552: M.S., 192: B.S., 3,360.

Fees: Tuition, $200 a year. For partial program $20 a term course. For one-year program in Public Health Nursing and Industrial Nursing, $150. For four months training in Field Work in Public Health Nursing, $30. Fee for second year of program in Public Health and Laboratory Training for College graduates, $250. Fee in Prince School of Education for Store Service, $300. Laboratory fees, $1 to $9 a course. Graduation fee, $5. Residence charges, $325 to $500, depending upon location of rooms. Low average for student annual expenses $700; liberal, $900.

Scholarships and fellowships: Loans, 54 (varying amounts; maximum $200). Grants (not returnable), 26. Founded scholarships (no returnable), 22 (varying from $50 to $200 each). The Women's Educational and Industrial Union of Boston offers a fellowship in economic and social research, with a stipend of $500 to a graduate student.

Dates of beginning and ending sessions: Autumn term opened September 19, 1927. Commencement, June 8, 1928.

Summer session: July 2 to August 10, 1928. Forty-three courses offered in four schools in 1926. Attendance, 232.

Publications: "The Simmons College Bulletin," issued six times a year, includes register, announcements, President's Report, etc.

Administrative officers: President, Henry LeFavour; Dean, Jane Louise Mesick; Dean of the Graduate Division, Robert Malcolm Gay; Registrar, Margaret Munro Grimshaw; Officer in charge of foreign students, the Registrar.

SIMPSON COLLEGE

INDIANOLA, IOWA

Coeducational, privately controlled. Affiliated with the Methodist Episcopal Church.

Chartered in 1867, as Simpson Centenary College. In 1884 name changed to Simpson College.

Board of 34 trustees, some of whom are elected by Des Moines Conference of Methodist Episcopal Church and some by alumni.

Endowment, $700,000. Budget, $135,000.

Eleven buildings and grounds (17 acres) valued at over $500,000.

Carnegie Library (1905): 20,000 volumes; 100 current periodicals.

Science Building: Biology, Chemistry, Physics and Geology laboratories.

Health program: Gymnasium. Athletic field. Nurse: Free medical examination. Three years of physical training required.

Admission requirements: 15 units including English 3, Mathematics 2, Social Science 1. Condition of one unit allowed; must be removed within first year.

Degree requirements: 124 semester hours; not more than 20 per cent of these may be below medium grade. Major of not less than 30 semester hours and as much more as may be specified by the departments in which major is taken.

Chapel attendance required.

Departments and Staff: Bible and Religion: *Professors* 2; *Assistant Professors* 1; *Instructors* 0. Biology: 1, 1, 0. Chemistry: 1, 1, 0. Economics and Business Administration: 2, 1, 1. Education: 2, 1, 1. English: 1, 4, 0. Foreign Languages: 1, 3, 0. Geology, 1, 0, 0. History and Political Science:

1, 2, 0. Home Economics: 1, 1, 0. Mathematics: 1, 0, 0. Philosophy: 1, 0, 0. Physics: 1, 0, 0. Physical Education: 2, 1, 0. Psychology: 1, 0, 0. Sociology: 1, 0, 0. Speech Education: 1, 1, 0.

Enrolment for year ending June 30, 1926, 953: Men, 393; women, 560.

Degrees conferred year ending June 30, 1926, 65. Total number of degrees conferred since foundation, 1382: A.B., 52; B.S. in Home Economics, 3; B.S. in Business Administration, 4; B.Mus., 6.

Fees: Annual fee, $140; Graduation, $5; Charge for lodging and board, $275. Annual expenses: Liberal, $600; low, $475.

Several scholarships. Loans amounting to $8,500, annually.

Employment bureau: Fifty per cent of students earn their way in part.

Dates of beginning and ending sessions: First semester, September 12, 1927 to January 26, 1928; second semester, January 30 to June 1, 1928.

Summer session of 10 weeks; 6 days a week. Attendance 1925: 199. Number not in regular college enrolment, 129.

Publications: College Bulletins including Catalog published in April.

Administration officers: President, John L. Hillman, D.D.; Dean of Women, Edna M. Stuntz; Dean of Men, Charles N. Burrows; Dean of the School of Music, Herbert A. Harvey; Registrar, John Winchell Bare; Officer in charge of foreign students, Addie Grace Wardle.

SKIDMORE COLLEGE

SARATOGA SPRINGS, NEW YORK

College for women, privately controlled. Non-sectarian.

Founded 1911. Chartered in 1916 as Skidmore School of Arts. Charter amended in 1917 to authorize organization and administration of courses leading to the bachelor's degree. On May 25, 1922, name changed to Skidmore College.

Self-perpetuating Board of 22 Trustees, including the President ex officio and one member of the Alumnæ Association.

Endowment: $500,000. Income from endowment, $23,605.52. Income from tuition, board, etc., $416,768.03. Total annual expenditures year ending June 30, 1926, $441,647.75. Budget, 1926–27, $456,350.

Grounds and buildings: Total value of grounds, $169,052.54. Total present worth of buildings, $841,326.38. Total value of grounds, buildings and equipment, $1,242,286.56.

Library: Library wing added to Skidmore Hall in 1911; 17,133 volumes; 218 current periodicals.

Margarette E. Griffith Hall (Chemistry, Biology, and Home Economics laboratories), $26,186.33. Science Hall (1922; Physics and Psychology laboratories), $48,236.98. Value of equipment in principal departments, $77,096.06.

Health program: Physical examination of all students twice yearly. B.S. degree given in this department. Infirmary.

Admission requirements: 15 units, including English 3, Foreign Language 2, History 1, Mathematics 2, Science 1; remaining 6 units to be made up in the field of Language, History, Mathematics or Sciences. Technical courses, if approved, are given credit at the rate of 1 unit for two years work in preparatory school. Admission sometimes granted in the case of students of exceptional promise with a shortage of 1 or 2 units, which must be made up before graduation. Presentation of satisfactory references, health certificate, and personal letter also required.

Degree requirements: 122 credit hours for A.B. and for B.S. in General Studies. Requirements for graduation with the B.S. from other technical departments vary from 122 to 136 credit hours. A major of 24 credit hours and a minor of 18 credit hours required of students in General and Liberal Studies. Courses offered: Liberal Arts leading to A.B.; Fine and Applied Art, Home Economics, Music, Health and Physical Education, Secretarial Science, Library Science, and General Studies, leading to B.S.: All 4-year courses excepting the course in Nursing and Health, which is a 5-year course giving both B.S. and R.N. Three years are spent at the College and two years at the Mary McClellan Hospital, Cambridge, N. Y. Courses in education approved by State

Department of Education for College Graduate Professional Provisional Certificate.

General requirements: Physical education required during four years. Chapel attendance required. Students required to live in dormitories.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors* 0; *Instructors*, 3. Biology: 1, 1, 0, 1. Chemistry: 1, 1, 0, 0. Economics: 1, 0, 1, 0. Education: 1, 0, 0, 0. English: 1, 0, 1, 2. History: 1, 0, 1, 0. Home Economics: 1, 0, 2, 3. Languages: 2, 1, 0, 1. Library Science: 1, 0, 1, 0. Music: 1, 0, 3, 2. Nursing and Health: 1, 0, 0, 1. Philosophy and Religion: 1, 0, 0, 0. Physical Education and Health: 1, 0, 1, 2. Physics and Mathematics: 1, 0, 0, 1. Psychology: 1, 0, 0, 1. Secretarial Science: 2, 0, 0, 3. Social and Political Science: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 479. Total number of matriculates since foundation, 1,944.

Degrees conferred year ending June 30, 1926, 81. Total number of degrees conferred since foundation, 288: B.S., 279; A.B., 9.

Fees: Tuition, $300 a year; board and room, $450 a year; matriculation fee, $10; graduation fee, $10. Low average yearly expenses for student, including board and tuition, $1,000; high from $2,000 up.

Five scholarships of from $125 to $300 yearly for upper classmen.

Vocational bureau organized 1925; 33 students reported last year as having earned part of their expenses.

Registration, September 23, 1927. Commencement, June 12, 1928.

College bulletin includes President's Report and Catalog.

Achievements of year ending June 30, 1926: Enlargement of the Department of Economics. Organization of Freshman orientation course. Enlarged opportunities for practice teaching in the public schools of Saratoga Springs for students in the Departments of Fine and Applied Art, Home Economics, Music and Physical Education. Gifts and pledges amounting to $31,040.

Administrative officers: President, Henry T. Moore; Dean, Sarah Gridley Ross; Registrar, Anna L. Hobbs.

SMITH COLLEGE

NORTHAMPTON, MASSACHUSETTS

Name for bequests: The Trustees of the Smith College.

College for women, privately endowed. No denominational relationship.

Founded by Miss Sophia Smith who bequeathed about $350,000 for the purpose. Chartered in March, 1871. In June, 1873, Reverend L. Clark Seelye of Amherst College was elected President and in 1875 the college opened with 14 students. At the first Commencement, in 1879, degrees were conferred on 11 graduates.

Board of 15 Trustees.

Endowment: $4,600,000. Income from endowment, $250,000. Income from students (room, board, tuition, etc.), $1,437,000. Total annual expenditures, 1925–26, $1,739,725. Budget, 1926–27, $1,941,500.

Grounds and buildings: 87 acres on edge of city of Northampton. Total value of grounds, $900,000. Total present worth of buildings, $4,386,457. Total value of grounds, buildings and equipment, $6,000,000.

Library (1910), 133,000 volumes.

Laboratories: Lilly Hall (1886), Physics. Stoddard Hall (1899), Chemistry. Burton Hall (1914), Biology.

Museums: Hillyer Art Gallery. Tryon Art Gallery (1926).

Observatory: Equatorial telescope of 11 inches aperture, etc.

Health program: Health examination for all entering students and for Seniors. Hygiene course required. Consultant in Mental Hygiene. Two gymnasiums (1895) and (1924).

Admission requirements: Two plans of admission. Old plan: By College Entrance Examination Board's June examinations in all subjects presented for admission. New plan: Submission of school report of entire 4 years' work; recommendation of high school principal; four comprehensive examinations from each of following groups: (1) History or English, (2) a Foreign Language, (3) Mathematics, Chemistry or Physics, (4) any subject which is approved by Board of Admission. Fifteen units, includ-

ing English 3, Latin 4, or Greek 3, Mathematics 3, History 1.

Degree requirements: For A.B.: 60 hours, including 2 in Hygiene and Physical Education. Group system. Major. For M.A.: Minimum of one year of residence study. Thesis.

Chapel attendance four times a week required.

Departments and Staff: Art: *Professors*, 2; *Associate Professors*, 1; *Assistant Professors*, 2; *Instructors*, 1. Astronomy: 1, 0, 2, 1. Biblical Literature and Comparative Religion: 2, 3, 1, 1. Botany: 1, 3, 2, 3. Chemistry: 1, 4, 3, 1. Economics and Sociology: 5, 1, 0, 3. Education: 1, 0, 2, 0. English Language and Literature: 7, 6, 9, 4. French Language and Literature: 3, 5, 5, 4. Geology: 0, 1, 2, 2. Germanic Languages and Literatures: 2, 1, 0, 0. Government: 1, 2, 0, 0. Greek Language and Literature: 3, 0, 0, 1. History: 4, 2, 4, 0. Hygiene and Physical Education: 2, 0, 3, 5. Italian Language and Literature: 0, 1, 1, 2. Latin Language and Literature: 3, 3, 1, 1. Mathematics: 3, 1, 0, 1. Music: 6, 1, 8, 3. Philosophy: 4, 1, 0, 2. Physics: 1, 1, 2, 1. Psychology: 1, 0, 5, 1. Spanish Language and Literature: 1, 0, 2, 1. Spoken English: 0, 2, 9, 0. Zoology: 3, 1, 1, 4.

Enrolment for year ending June 30, 1926, 2,158.

Degrees conferred year ending June 30, 1926: A.B., 479; A.M., 19. Total number of degrees conferred since foundation, 11,148; A.B., 10,822; A.M., 324; Ph.D., 2.

Fees: Tuition, $400; board and room, $450; graduation fee, $10; departmental fee, $10; infirmary fee, $10.

Scholarship funds amounting to $100,000.

Employment bureau: Ten per cent of students earned expenses in whole or in part during year ending June 30, 1926.

Dates of beginning and ending sessions: First semester, September 27, 1927 to February 4, 1928. Second semester, February 6 to June 12, 1928.

Summer session: July 1 to August 31, 1928. School for Social Work. Attendance, 1925, 72.

Publications: Catalog in November. President's report in November. Studies in Modern Language published quarterly. Studies in Classics published from time to time. Studies in History published quarterly.

Achievements of year ending June 30, 1926: The Junior Year in France: Students majoring in French may take their Junior year at a French University under the supervision of a professor in Smith College. Plan is competitive. Number of students accepted limited by Committee.

Administrative officers: President, William Allan Neilson; Dean, Frances Fenton Bernard; Warden, Laura Woolsey Lord Scales; Registrar, Jean Clark Cahoon; Personnel Director, Mabelle B. Blake; Chairman of Committee in Charge of Foreign Students, Margaret Crook.

SOUTH, UNIVERSITY OF THE

See: University of the South.

SOUTH CAROLINA, UNIVERSITY OF

See: University of South Carolina.

SOUTH DAKOTA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS

STATE COLLEGE STATION, BROOKINGS, SOUTH DAKOTA

(Telegraphic Address: Brookings, South Dakota)

Land-grant college. Coeducational. Publicly controlled.

In 1881 Territorial Legislature established Agricultural College at Brookings. Opened 1884. In 1889 act of Congress admitting State of South Dakota, allowed land-grant of 160,000 acres. In 1907 name changed to the State College of Agriculture and Mechanic Arts. Experiment station organized in 1887.

Under control Regents of Education, 5 members and a secretary, appointed for term of 6 years by Governor with approval of Senate.

Endowment: $752,785.32 and 134,500

acres of unsold land. Income from endowment, $64,292.81. State appropriations, $779,020. Federal funds, $172,493.80. Counties for Agricultural Extension, $78,925.58. Tuition and fees, $47,968.15. Dormitories, sale of produce, etc., $110,175.08. Total receipts year ending June 30, 1926, $1,271,975.42.

Two halls for women (177), one for men (160). Value of grounds (807 acres), $95,480. Value of buildings, $895,500. Value of grounds, buildings and equipment, $1,554,000.

Library (1884). New building under construction; 35,000 volumes; 8,000 pamphlets.

Laboratories: Physics-Engineering Building (1901); Agricultural Engineering Building (1899). Chemistry Building (1897–1909). Plant Breeding Building (1901). Creamery (1897; 1902–1911). Pharmacy, Agronomy and Botany Laboratories located in Administration Building.

Health program: Military examinations for Freshmen and Sophomore men students. Armory and gymnasium; athletic field. Two infirmaries. College physician.

Admission requirements: 15 units: Mathematics 2, English 3, History and Civics 1, Science 1. One condition unit allowed; must be removed during first year.

Degree requirements: 204 term (quarter) credits required for B.S. These include Military Science (6 credits) for men and Physical Education (6 credits) for women. Courses in Agriculture, Engineering, Home Economics, Pharmacy, Commercial Science, Printing. Trades and industries being technical a large part of work is prescribed and leads to specialization.

General requirements: Chapel attendance required. All women from outside of Brookings required to live in dormitory; same rule for first year men.

Departments and Staff: Agricultural Engineering: *Professors* 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 3. Agronomy: 1, 1, 2, 3. Animal Husbandry: 1, 1, 0, 1. Art: 1, 1, 0, 1. Botany: 1, 0, 0, 4. Chemistry: 1, 1, 2, 2. Civil Engineering: 1, 0, 0, 1. Commercial Science: 1, 0, 2, 0. Dairy Husbandry: 1, 1, 0, 1. Education and Psychology: 1, 0, 3, 2. English: 2, 0, 2, 2. Entomology and Zoology: 1, 0, 2, 1. Farm Economics: 1, 0, 3, 0. Foreign Languages: 0, 1, 0, 0. History: 1, 1, 0, 1. Home Economics: 1, 0, 4, 2. Horticulture: 1, 0, 1, 0. Electrical Engineering: 1, 0, 0, 1. Mathematics: 2, 0, 1, 1. Mechanical Engineering: 1, 1, 0, 1. Military Science: 2 *Captains*, 1 *Lieutenant*, 1 *Sergeant*; Pharmacy: 1, 1, 1, 1. Physical Education: 1, 0, 0, 2. Poultry Husbandry: 1, 0, 0, 0. Printing and Journalism: 1, 0, 2, 4. Rural Sociology: 1, 0, 0, 0. Speech: 1, 0, 0, 1. Veterinary Science: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 825: Men, 550; women, 275. Total number of matriculates since foundation: Agriculture, 107; Engineering, 161; Home Economics, 140; General Science, 344; Pharmacy, 73.

Degrees conferred year ending June 30, 1926, 117. Total number of degrees conferred since foundation, 1,682: M.S., 74; B.S., 1,295; Ph.C., 24; Ph.G., 289.

Fees: Matriculation, $70; graduation, $10; other general fees, $15; laboratory fees, $15; room and board, $275. Annual expenses: Liberal, $800; low, $400.

Scholarships for graduates of South Dakota high schools.

Sixty per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 21–December 22, 1927. January 4–March 22, 1928. March 27–June 8, 1928.

Summer session: June 16–July 23, 1926; 24 departments offered about 80 courses.

Attendance, 1925, 170.

Catalog in May.

Administrative officers: President, C. W. Pugsley; Dean of Faculty, Vice-President, Dean of General Science, G. L. Brown; Dean of Agriculture, C. Larsen; Dean of Engineering, H. M. Crothers; Dean of Home Economics, Edith Pierson; Dean of Pharmacy, E. R. Serles; Dean of Men, E. O. Prather; Dean of Women, Nelle V. Spensley, Registrar, D. B. Doner; Registrar is in charge of foreign students.

SOUTH DAKOTA STATE SCHOOL OF MINES

RAPID CITY, SOUTH DAKOTA

State Technological College. Designed especially for men but open also to women.

Established by Dakota Territorial Legislature, March 7, 1885. Opened February 17, 1887.

State Board of 5 Regents appointed by Governor and confirmed by Senate.

Income, in the main, provided by Legislative appropriation. Total expenditure for maintenance and operation for fiscal year ending June 30, 1926, $156,685.67.

Grounds (64 acres exclusive of 40,000 acres of Endowment Lands), valued at $32,000; buildings, 8, valued at $330,000. Total value of all grounds, buildings and equipment, $1,075,000.

Library, 11,000 volumes; 100 current periodicals.

Laboratories: The value of the equipment in the principle departments including furniture and fixtures is as follows: Mining and Metallurgy Building (1888); Engineering Building (1922): Civil Engineering, Electrical Engineering, Mathematics, Physics; Administration Building (1901): Chemistry, Geology. Equipment: Biology, $7,500; Chemistry, $21,000; Civil Engineering, $13,000; Electrical Engineering, $12,000; Geology, $16,000; Metallurgy, $21,000; Mining, $7,000; Physics, $9,000; Museum, $18,000.

Museums: Geological Museum: Collections from Black Hills. Biological collections in first building erected. Mining and Metallurgical collections in Mining and Metallurgy building.

Admission requirements: 15 units, including Algebra 1½, Chemistry 1, Physics 1, Solid Geometry ½. Conditions must be removed during first year.

Degree requirements: 144 credit hours. Passing grade, 70. Courses given are Mining Engineering, Metallurgical Engineering, Civil Engineering, Electrical Engineering, Chemical Engineering. Thesis required under certain conditions. First degree granted is B.S. in the particular engineering course taken Engineer's degree for graduate study.

Departments and Staff: Biology: *Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Chemistry: 1, 1, 1. Civil Engineering: 1, 1, 1. Electrical Engineering: 1, 1, 1. English: 1, 0, 1. Geology: 1, 0, 0. Mathematics: 1, 0, 2. Metallurgy: 1, 0, 0. Mineralogy and Petrography: 1, 0, 0. Mining: 1, 0, 0. Modern Languages: 0, 1, 0. Physics: 1, 0, 1.

Enrolment 1925–26, 241.

Number of degrees conferred, 1926, 22. Total number of baccalaureate degrees conferred, 234. Total number of degrees conferred, 284: B.S., 5; B.S. in Chemical Engineering, 9; B.S. in Civil Engineering, 30; B.S. in Electrical Engineering, 21; B.S. in Metallurgical Engineering, 67; B.S. in Mining Engineering, 102; Metallurgical Engineer, 16; Engineer of Mines, 32; Electrical Engineer, 1. Honorary Mining Engineer, 1.

Fees and other expenses: Matriculation, $25 a semester; graduation fee, $5; other general fees, $5; laboratory fees, $5 to $10 and breakage. Student expenditures, including all fees and ordinary living expenses for the year, $400 to $600.

Scholarships and fellowships: Two fellowships of $800 each. Several student assistants, $200 each.

Research: The Mining Experiment Station has appropriation of $4,500 annually for use in mining and metallurgical investigations; appropriation of $3,000 for Field Exploration used especially in the study of the Geology, Mineralogy, Paleontology and Biology of the Black Hills region, and available also for enginnering investigations.

Employment bureau: Student employment committee. More than one-third of the students earn part of their expenses.

First semester begins second Monday in September. Second semester begins Monday near February 1. Commencement, Thursday near June 1.

Publications: A quarterly magazine, "The Black Hills Engineer." Annual catalog and the President's Biennial Report. Scientific and technical bulletins having to do chiefly with the Geology, Mineralogy, Paleontology, Mining and Metallurgy of the Black Hills region, issued at intervals.

Bibliographic references: O'Harra, C. C.,

"A Brief History of the South Dakota State School of Mines in the Black Hills Engineer, School of Mines History Number, January, 1923."

Administrative officers: President, Cleophas Cisney O'Harra; Secretary and Registrar, Harry Merle Parsons; Officer in charge of foreign students, C. C. O'Harra.

SOUTH DAKOTA UNIVERSITY

See: University of South Dakota.

SOUTHERN CALIFORNIA, UNIVERSITY OF

See: University of Southern California.

SOUTHERN METHODIST UNIVERSITY

DALLAS, TEXAS

University. Coeducational. Controlled by Methodist Episcopal Church, South.

Chartered April 17, 1911. Opened September, 1915.

Board of 25 members, 6 elected by the Methodist Episcopal General Conference, the others by certain annual conferences. All members confirmed by General Conference, or some agency authorized by General Conference.

Endowment, $2,080,000. Income from endowment a little more than $140,000. Annual grant-in-aid from M. E. Church, $60,000. Budget for 1925–26, $640,000.

On campus of 132 acres, some 20 buildings, valued at $2,968,000.

Library, 45,000 volumes; 10,000 pamphlets.

Laboratories for Physics, Geology and Biology in Hyer Hall. Chemistry laboratory.

Health program: Gymnasium. Part time physicians and full time nurses. Prescribed physical training, freshman and sophomore years. Stadium; Athletic field.

Admission requirements: 15 units including, English 3, Algebra 2, Plane Geometry 1, History 2. No quantity conditions allowed. For A.B. degree: Three units in one language or 2 in each of 2 languages. For B.S. degree: Two units in a foreign language.

Degree requirements: 124 semester hours, including 4 hours of Physical Education. Juniors and Seniors must have an average of C. Concentration requirements: 18 semester hours advanced work, plus 6 semester hours, in a closely associated department within the major group and 6 semester hours of related work. For A.B. degree: Six semester hours of advanced language required. A total of 36 semester hours of advanced work must be offered. B.S. degree does not require advanced language.

General requirements: Required physical education in first two years. Chapel attendance required. All undergraduate women under 21 years of age, required to live in dormitories. Freshmen and Sophomore men required to live in dormitories.

Departments and Staff: College of Arts and Sciences: Art: *Professors* 0; *Associate Professors* 0; *Assistant Professors* 0; *Instructors* 3. Biology: 1, 0, 2, 4, Chemistry: 1, 1, 0, 5. Commerce, Finance and Accounts: 4, 1, 2, 6. Economics: 1, 0, 0, 4. Education: 3, 3, 1, 12. English: 3, 1, 3, 7. French: 1, 0, 0, 4. General Literature: 1, 0, 0, 0. Geology: 2, 0, 1, 4. German: 1, 0, 1, 0. Government: 1, 0, 1, 4. Greek: 2, 0, 0, 0. History: 1, 1, 2, 2. Home Economics: 0, 0, 2, 1. Journalism: 1, 0, 0, 0. Latin: 1, 0, 1, 0. Mathematics: 1, 0, 1, 7. Philosophy and Psychology: 1, 1, 1, 5. Physical Education: 2, 0, 1, 5. Physics: 2, 0, 0, 1. Public Speaking: 0, 1, 0, 2. Religion: 1, 2, 0, 1. Sociology: 1, 0, 1, 3. Spanish: 1, 0, 2, 7. School of Engineering: 1, 1, 3, 3. School of Law: 3, 0, 1, 0. School of Music: 6, 1, 0, 8. School of Theology: 10, 1, 0, 0.

Enrolment, year ending June 30, 1926: 2,913. Men, 1469; women, 1,444: Graduate School, 145; College of Arts & Sciences, 1669; School of Engineering, 126; School of Law, 24; School of Theology, 252; School of Music, 141; Extension Department, 565; Summer School, 701.

Degrees conferred year ending June 30, 1926: 165: B.A., 82; B.S., 34; B.Mus., 15; M.A., 26; B.D., 8.

Fees: Annual tuition and fees, $203. Summer session, $60. Board and room from $400 to $550 a year. Student annual expenses: Men $650; women $750.

Scholarships and fellowships: 34 of $250 to $750 each.

Employment bureau: Over 700 men earn their way in part, and a few in full. About 100 women work to support themselves in college.

Dates of beginning and ending sessions: September 22, 1927; June 10, 1928.

Summer session: June 12, 1928; two terms of 6 weeks each. Attendance 1925: 701. In 1926, 50 departments offered 153 courses.

University extension: Extension courses, 42; enrolment, 356. Home courses, 62; enrolment, 224.

Achievements of year ending June 30, 1926: Buildings completed or begun during the year valued at $1,755,000, including McFarlin Memorial Auditorium, Ownby Stadium, Hyer Physics Laboratory, Administration Building, Snider and Virginia Halls for women.

Administrative officers: President, Chas. C. Selecman, D.D.; Registrar, R. L. Brewer; Dean of College of Arts and Sciences, E. D. Jennings; Dean of School of Theology, Paul B. Kern, D.D.; Dean of Law School, Peter J. Hamilton; Dean of the Graduate School, E. W. Shuler; Dean of College of Music, Paul Van Katwijk; Director of the College of Engineering and Architecture, E. H. Flath; Director of Arnold School of Government, H. H. Guice; Director of School of Commerce and Business Administration, W. F. Hauhart; Director of the School of Education, C. A. Nichols; Director of Extension, H. K. Taylor; Dean of Women, Mrs. S. J. Hay.

SOUTHWESTERN

MEMPHIS, TENNESSEE

Liberal Arts College. Coeducational. (Number of women limited to 25 per cent of total enrolment.) Privately controlled. Southern Presbyterian.

In 1848 the Masonic Grand Lodge of Tennessee established Montgomery Masonic College at Clarksville, Tennessee. In 1849 this institution was brought under the control of the Montgomery County Lodge of that order. In 1855 the Synod of Nashville of the Presbyterian Church accepted the offer of transfer and the institution became Stewart College. In 1875 the Synods of Nashville, Memphis, Arkansas, Alabama, Mississippi and Texas united in control of the institution and the name was changed to Southwestern Presbyterian University. Later, the names and the boundaries of the Synods were changed and the institution finally came under the control of four Synods, Alabama, Louisiana, Mississippi and Tennessee. In 1885, a School of Divinity established; functioned until 1917. In September, 1925, the same College began to function in Memphis under the name Southwestern.

Four Directors are elected by each of the four controlling Synods. At least one Director elected by each Synod must be a Memphis man.

Endowment, $490,400. Income from endowment, $28,427. Receipts from tuition, fees and gifts, $100,243. Total annual expenditures year ending June 30, 1926, $131,-648. Budget, 1926–1927, $148,450.

Grounds and buildings: Total value of grounds (125 acres), $225,510. Total present worth of buildings, $1,202,800. Total value of grounds, buildings and equipment, $1,507,020.

Library, 26,000 volumes, including about 2,000 government documents; 54 current periodicals.

Laboratories: Science Hall (1924), cost $363,729. Value of equipment: Biology and Bacteriology, $8,564; Chemistry, $12,053; Physics, $8,076; Psychology, $1,105.

Health program: Physical examinations annually. Athletic field. Infirmary.

Admission requirements: 15 units, including English 3, Mathematics 2½, Foreign Language 2, History 1. No conditions allowed.

Degree requirements: 124 semester hours, exclusive of Physical Education. Average of "C" or more in at least 93 hours of work.

General requirements: Physical Education required during first two years. Chapel attendance required. All out of town students must room in college dormitories and board at college dining hall.

Departments and Staff: Bible: *Professors,*

2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 1, 0, 0. Chemistry: 1, 1, 0, 0. Economics: 1, 0, 0, 0. English: 1, 1, 1, 0. French: 1, 0, 1, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 1, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 1, 1, 0, 1. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 0, 2. Physics: 1, 0, 0, 0. Psychology and Education: 2, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Spanish: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 406. Total number of matriculates since foundation, 6,597.

Degrees conferred year ending June 30, 1926, 32. Total number of degrees conferred since foundation, 540: B.A., 387; B.S., 34; B.D., 119.

Fees: One annual charge, $550, includes tuition, lodging, board and other expenses.

Eight scholarships. Loan funds.

Employment bureau: Thirty per cent of student body helped pay their college expenses by doing part-time work.

Dates of beginning and ending sessions: Thursday nearest September 15 and continue 36 weeks, exclusive of holidays.

Summer session.

Catalog in March.

Administrative officers: President, Charles E. Diehl; Dean, E. D. McDougall; Registrar, W. R. Atkinson.

SOUTHWESTERN COLLEGE

WINFIELD, KANSAS

College for men and women. Controlled by Southwest Kansas Conference of Methodist Episcopal Church.

Chartered, 1885. Opened September 7, 1886.

Board of 32 trustees. College of Liberal Arts and School of Fine Arts.

Endowment, $500,000. Income from endowment, $22,000. From church collections, $25,000. From Board of Education of M. E. Church, $4,800. From tuition fees, $105,000. Total annual expenditures, year ending June 30, 1926, $184,000. Budget, 1926–1927, $185,000. Campaign for $1,200,000 for additional endowment in progress.

Grounds and buildings: Three halls of residence for women (112) and one for men (16). Total value of grounds (35 acres), $32,000; of buildings, $499,000; of grounds, buildings and equipment, $589,000.

Library (1924), 16,000 volumes, exclusive of government publications; 185 current periodicals.

Laboratories: North Hall (1886), value $60,000. Value of equipment in Chemistry, $3,500; in Biology, $9,200; in Physics, $3,900; in Geology, $4,500.

Health program: Physical education required of all Freshmen and Sophomores. Physical and Mental Hygiene course required of every Freshman. Gymnasium (1924), $260,000. Athletic field.

Admission requirements: 15 units, including English 3, Foreign Language 3, History 1, Mathematics 2, Science 1. One condition allowed must be removed within first year.

Degree requirements: For A.B. or Mus.B.: 120 hours. Prescribed courses for A.B.: College Problems 1, Hygiene 1, English Composition 7, Laboratory Science or Mathematics 10, General Psychology 3, Sociology or Economics 5, History or Political Science 5, Bible 3, Public Speaking, Debate, Expression or Dramatics 2, Philosophy 3, Physical Education 4. Prescribed courses lead to degree of Bachelor of Music in Piano, Voice, Violin, Organ, and Public School Music.

General requirements: Chapel attendance required. Candidates for a degree must have spent either the first three years of their course in residence at Southwestern or else the last year.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Bible: 1, 0, 1, 0. Biology: 1, 1, 1, 0. Business Administration: 1, 0, 0, 0. Chemistry: 1, 1, 0, 0. Community Organization and Religious Education: 1, 0, 0, 0. Economics: 1, 0, 0, 0. Education: 2, 0, 1, 0. English: 1, 0, 3, 1. Geology: 1, 0, 0, 0. German: 0, 0, 0, 1. History and Political Science: 1, 0, 1, 0. Home Economics: 2, 0, 0, 0. Latin: 0, 0, 0, 1. Library Methods: 0, 0, 0, 1. Mathematics: 1, 0, 1, 1. Music: 8, 0, 0, 16. Philosophy: 1, 0, 0, 0. Physics: 0, 0, 1, 0. Physical Education: 0, 0, 0, 3. Public Speaking: 2, 0, 0, 0. Romance Languages: 3, 0, 0, 0. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 1,164: Men, 369; Women, 775; College of Liberal Arts, 740. College of Fine Arts, 344. Total number of matriculates since foundation, 7,200.

Degrees conferred year ending June 30, 1926, 132. Total number of degrees conferred since foundation, 1,200: A.B., 1,135; Mus.B., 65.

Fees: Tuition, $60 a semester; graduation, $10; Library fee, $1; Student Activity fee, $6.50; Laboratory fees, from $3 to $10 a course. Annual expenses: Liberal, $550; low, $300.

Twelve scholarships of $120 a year.

About 60 per cent of all students earn part of their college expenses. Board of Recommendations.

Dates of beginning and ending sessions: First semester: First week in September; third week in January. Second semester: Fourth week in January; first week in June.

Summer session: Second week in June; second week in August. Attendance, 1925, 372: College of Liberal Arts, 224. School of Fine Arts, 148.

Publications: Catalog in April. "Social Science" a quarterly magazine now in its second year.

Achievements of year ending June 30, 1926: Beginning of a campaign for $1,200,000 of additional endowment. Revision of curriculum. Winfield College of Music absorbed by Southwestern College School of Fine Arts.

Administrative officers: President, Albert E. Kirk; Dean of the College of Liberal Arts and Chairman of the Fine Arts Faculty, Leroy Allen; Dean of Men, William W. Monypeny; Dean of Women, Lulah B. Kirk; Registrar, Homer S. Myers; Director of the summer session, Webster P. Reese.

SOUTHWESTERN LOUISIANA INSTITUTE

LAFAYETTE, LOUISIANA

Two coordinate Colleges: (1) The College of Liberal Arts, and (2) The School of Education. Owned and supported by the State of Louisiana. Coeducational.

Established by Act 156 of the Legislature of 1898. Opened September 18, 1901. First curricula elementary and secondary, emphasizing technical training. College rank attained in 1918. Teacher Training department added in 1912, developing later into 4-year teachers' college under name of School of Education, 1918. First degrees conferred in 1921.

Controlled by State Board of Education of 11 members.

Income derived from appropriations of State Legislature. For biennium of 1924–1926, $175,000 a year. For biennium of 1926–1928: $192,500 a year, with $231,500 besides for erection of two dormitories, a dining hall, and an addition to administration building. In 1925 $40,000 for improving facilities for athletics was subscribed.

Grounds and buildings: Campus of 50 acres and 125 acres for Agricultural experiment and instruction. 12 buildings. Total value of grounds, $100,000; buildings, $485,000; equipment, $84,200.

Library in Girard Hall: 11,000 volumes, including 600 government documents; 165 current periodicals.

Health program: Physical examinations of all Freshmen and physical training for all Freshmen and Sophomores required. Part-time physician. Gymnasium. Athletic fields.

Admission requirements: Graduates from high schools accredited by State Department of Education or by Association of Colleges and Secondary Schools of the Southern States, admitted without examination. Units required, 15: English 3, Mathematics 2, History and Civics 2, Science 2, of which one must be in either Physics or Chemistry. Two units of condition allowed; must be removed the first year.

For the degree of A.B. or B.S.: From 64 to 68 college session hours required with an average grade of "C"; 6 hours of English, 6 hours of History, 8 or 10 hours of Science, 3 hours in Mathematics, 2 hours of Physiology and Hygiene, 3 hours of Sociology or Economics required in most curricula. Major of 12 hours in one department and a minor of 9 hours in another required of all.

All required to attend Assembly daily.

Departments and Staff: Agriculture: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Art: 0, 1, 0, 1. Biology: 1, 0, 0, 2. Chemistry: 1, 0, 0, 0. Commerce and Business Administration (including Sociology and Economics): 1, 1, 0, 1. Elementary Education: 1, 0, 0, 5. Engineering: 1, 1, 0, 0. English: 2, 1, 0, 2. Foreign Language: 0, 1, 1, 1. Geography: 1, 0, 0, 0. History and Political Science: 1, 1, 2, 0. Home Economics: 1, 1, 0, 0. Mathematics: 1, 0, 0, 1. Physical Education: 1, 0, 0, 3. Physics: 1, 0, 0, 0. Psychology and Principles of Education: 1, 0, 0, 2. School of Administration and Secondary Education: 1, 0, 0, 0. Public Speaking: 0, 1, 0, 0.

Enrolment for regular session ending June 1, 1926, 822. Extension students, 447; Summer Quarter, 1926, 989; Practice School, 466.

Degrees conferred, 1925–26, 76. Total degrees conferred, 226: A.B., 146; B.S., 80.

Fees charged all students: $6 registration each quarter. Laboratory fees range from $1 to $4 a quarter. Diploma fee, $5. Board and room in dormitories, $26.50 a month; in private homes, $27 to $35. Low average a session, $300; liberal, $450.

Dates of sessions: September 19, 1927; June 2, 1928.

Summer quarter: 1928, June 5; August 21. 15 departments offered 130 courses in 1926. Attendance, 989: Men, 191; women, 798.

Catalog published in March.

Administrative officers: President, Edwin Lewis Stephens; Dean, College of Liberal Arts, Harry Lewis Griffin; Dean, School of Education, James Monroe Smith.

SOUTHWESTERN UNIVERSITY

SOUTHWESTERN STATION,
GEORGETOWN, TEXAS

College. Coeducational. Controlled by Methodist Episcopal Church, South.

Founded in 1872. Chartered February 6, 1875. Opened in 1873.

Board of Trustees of 5 laymen and 5 preachers from each of the 5 English Conferences in Texas. President of University ex officio member.

Endowment: $307,914.12. Income from endowment, $16,071.66. Income from Conference collections, $24,201.24. Tuition, $70,027.49. Total annual expenditures year ending June 30, 1926, $172,198.80.

Grounds and buildings: Residence hall for women (200); one for men (140); cooperative home (20). Total value of grounds (35 acres), $82,000. Total present worth of buildings, $844,000. Total value of grounds, buildings and equipment, $1,083,299.59.

Library, 23,768 volumes, including 4,000 government documents; 103 current periodicals.

Science Building (1917), worth $150,000. Value of equipment in principal departments: Chemistry, $15,000; Physics, $10,000; Biology and Geology, $7,000.

Health program: Each student must present health certificate. Two nurses. Prescribed corrective physical training Freshman year. One year of Physical Education required for any degree. Gymnasium for men (1921).

Admission requirements: English 3, History 2, Algebra 2, Plane Geometry 1, Foreign Language 2. Condition in Foreign Language allowed if 15 units are presented. Condition must be removed in two years.

Degree requirements: 36½ majors or 121.5 semester hours. An average of 80 per cent in all advanced courses. 70 semester hours required. Major (20 semester hours); minor (10 semester hours). For M.A.: In addition to A.B., 9 majors or 30 semester hours. Thesis and oral examination required.

Daily chapel attendance required.

Departments and Staff: Bible and Religion: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology and Geology: 1, 0, 1, 0. Chemistry: 1, 0, 1, 0. Education: 1, 0, 1, 0. English: 1, 0, 0, 2. German and French: 1, 0, 0, 0. History: 0, 1, 0, 1. Latin and Greek: 1, 0, 0, 0. Mathematics: 1, 0, 1, 1. Philosophy and Psychology: 1, 0, 0, 0. Physics: 0, 1, 0, 0. Public Speaking and Dramatic Literature: 1, 0, 0, 1. Public Speaking and Jour-

nalism: 0, 0, 0, 1. Sociology, Economics and Political Science: 1, 0, 0, 1. Spanish: 0, 0, 1, 1.

Enrolment for year ending June 30, 1926, 946: Men, 452; women, 494. Total number of matriculates since foundation approximately 15,000.

Degrees conferred year ending June 30, 1926, 92: Men, 51; women, 41. Total number of degrees conferred since foundation, 1,425: A.B., 1,075; M.L., 73; B.S., 171; M.A., 126; M.S., 6; Ph.B., 38; B.M., 13; Diploma in Expression, 1; Music Teachers Certificate, 1.

Tuition and fees, $55; library deposit, $5; laboratory fees, $1 to $10; room rent, $18 to $36 (men); $30 to $45 (women); board $75; laundry, $12.

Fourteen service scholarships of $90 each.

Fifteen per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 20, 1927; June 5, 1928.

Summer session: June 6 to August 11, 1928. Attendance, 1925, 220.

University extension: 63 students enrolled in Extension courses. Work now abandoned. 216 students took correspondence work during session.

Catalog in April.

Achievements of year ending June 30, 1926: $300,000 woman's dormitory completed. Campaign for Library building and gymnasium and increased endowment in progress. Department of Journalism installed.

Administrative officers: President, J. Sam Barcus; Dean, Oscar A. Ullrich; Dean of Women, Laura Kuykendall; Registrar, Pearl Alma Neas. Registrar is in charge of foreign students.

SPRING HILL COLLEGE

MOBILE, ALABAMA

Catholic College for men conducted by the members of the Society of Jesus. Founded in 1830.

Requested information has not been received from this institution.

STANFORD UNIVERSITY

STANFORD UNIVERSITY, CALIFORNIA

(Telegraphic Address: Palo Alto, California)

Name for bequests: Leland Stanford Junior University.

University. Privately controlled. For men and women, the number of women being limited to 500.

Founded November 11, 1885. Opened in October, 1891.

Self-perpetuating board of 15 trustees. School of Biology (including Anatomy, Bacteriology, and Experimental Pathology, Biochemistry, Botany, Food Research, Hopkins Marine Station, Paleontology, Physiology, Psychology, and Zoology). Graduate School of Business. School of Education. School of Engineering (including Civil, Electrical, Mechanical, Military Science and Tactics, Mining and Metallurgy). School of Law. School of Letters (including Classical Literature, English, Germanic Languages, Romanic Languages, Slavic). School of Medicine. School of Physical Sciences (including Chemistry, Geology, Mathematics, Physics). School of Social Sciences (including Economics, History, Philosophy, Political Science).

Endowment, August 31, 1926: $28,917,532.20. Income from endowment, $1,421,952.95. Tuition and other student fees, $848,504.14. Total budget income, including foregoing, $2,557,792.46. Total budget expenditures, 1925–26, $2,351,526.45. New funds received for endowment, buildings and equipment for the year aggregate $495,105.80.

Grounds and buildings: Total area of approximately 8,600 acres, intersected by three streams, the principal one of which is the San Francisquito, which drains a considerable watershed. The University obtains its water for irrigation purposes from an artificial reservoir (Lake Searsville) on the upper reaches of the San Francisquito, and its water for domestic purposes from wells located on the flat land near the University buildings. Senator Stanford, founder of the University, wisely acquired riparian rights from the headwaters of the San Francisquito to the Bay. In addition to Lake

Searsville the University has a secondary reservoir at Felt Lake on the headwaters of the Los Trancos Creek. One dormitory for women (225) and four for men (1,100). Fraternity and sorority houses on the campus (600; 160). Book value of grounds (includes entire holdings in San Mateo and Santa Clara Counties, farm property and campus), $1,212,603.27. Book value of buildings, $8,407,966.03. Book value of grounds, buildings and equipment, $11,898,501.77.

Library (1919), 335,000 volumes; 1,863 current periodicals (including Law 88, and Lane Medical Collection, 423). Special Collections: Branner Brazilian and Geological Library. Jarboe Collection on French Revolution. T. W. Stanford Australian Library. Hoover War Library, 152,752 volumes; 31,831 pamphlets. Lane Medical Library. Education Library. Law Library. Hopkins Railway Library. Barbara Jordan Library. Hildebrand Library. Fluegel collection.

Laboratories: Aerodynamics (1915), $10,000. Assay (1902), $10,500. Bacteriological and Anatomy (1892), $30,000. Chemistry (1902), $240,000. Engineering (1902), $52,300. Forge and Foundry (1908), $36,000. Geological (1906), $212,000. Electrical (1913), $4,700. Harris J. Ryan High Voltage (1926), $95,000. Hopkins Marine Station (1917), $36,000. Hydraulic (1891), $35,000. Mechanical Engineering (1891–1908), $153,000. Mining and Metallurgy (1900), $31,000. Medical Department, San Francisco (1882–1894), $168,000. Natural Sciences (1903), $284,000. Value of equipment, apparatus, library books in all academic and administrative departments, $2,390,285.36.

Museums: Leland Stanford Junior Museum (1892). T. W. Stanford Art Gallery (1917). Important Collections: Pathological. Natural Sciences (fishes). Dudley Herbarium. Geological. Archæological, and numerous smaller collections.

Health program: Students' Hospital Fund, financed by the payment of $2 a quarter, included in community fee. Palo Alto Hospital and Stanford University Hospital in San Francisco care for non-contagious cases. Isolation Hospital. Examination of every entering student required. Examinations have shown that about 16 per cent of entering men have defective vision of which they are unaware or which has not been corrected. Prospective students are urged to have their eyes examined by competent specialists before entering the University so that weaknesses may be corrected by glasses. Not later than four weeks after registration every student must file with Committee on Public Health a certificate of vaccination. "Conscientious objections" will not be recognized as exempting any one.

Admission requirements: *General requirements:* Admission to University may be granted with Graduate, Upper, or Lower Division standing. Number admitted is limited by facilities available. Applicants must present satisfactory recommendations as to personal character, must offer approved credentials required for the division concerned, and, for the Upper and Lower Divisions, must pass college aptitude test. Application and other necessary blanks will be furnished by the Registrar on request and the use of these official blanks is required. *Admission of Men: Graduate Division:* At present the total number of men admitted to the Graduate Division is not limited except for special restrictions in force in the School of Medicine, in the Graduate School of Business, and at the Hopkins Marine Station. In these groups applicants must first satisfy the general admission regulations, and then meet special requirements which are ordinarily on a competitive basis. *Upper Division:* The total number of men admitted to the Upper Division is not fixed but is limited to the facilities. The exact number which can be accommodated varies from year to year. The number of students who may enroll in Medicine is limited; and fulfillment of premedical requirements does not guarantee admission to the Medical School. Admission to the Upper Division does not assure enrolment at the Hopkins Marine Station. *Lower Division:* The total number of men admitted to the Lower Division is limited to 450 for the autumn quarter and 50 for the winter quarter. (No new students are admitted to the Lower Division for the spring quarter). At

present an unlimited number may be admitted for the summer quarter only with the understanding that not more than 50 of such matriculants will be promised enrolment for succeeding quarters. The selection of these 50 students may be deferred until the end of the summer quarter, in order that scholarship records made during the quarter may be considered. Summer matriculants not thus selected may make application for succeeding quarters and will be considered on the same basis as other candidates. In addition to the foregoing, 50 foreign or special students may be admitted during each academic year. In the Graduate Division, in groups where admission is limited, selection of applicants is made only on the basis of superior preparation and fitness for the work to be undertaken. In the Upper and Lower Divisions, selection is made on the basis of superior fitness, taking into account scholarship, personal qualifications, and score on the college aptitude test. In the Lower Division, preference is given to approved candidates who pass the examinations of the College Entrance Examination Board (old plan and new plan) with an average grade of 75 or above. Candidates who were refused admission to the Lower Division before October, 1926, on the ground of lack of facilities, will be given priority over new applicants for admission to the Upper Division, provided their credentials are satisfactory. The sons of graduates of the University, and of members of the faculty will be given priority in admission to the Upper and Lower Divisions until January, 1934. *Candidates from foreign countries* who present credentials equivalent to the requirements for admission to the University, and whose command of written and spoken English shall be deemed adequate for purposes of college study, may be admitted. Men of considerable maturity, twenty-one years or older, who do not fulfill the scholarship requirements for first-year undergraduate standing but whose incomplete preparation has been supplemented by practical training and experience of distinct educative value, may also be considered for admission as special students not candidates for a degree. *Admission of Women:* The total number of women attending the University at any one time is limited to 500 by the terms of the Founding Grant of the University. Women are selected as men are for the several schools and divisions. The daughters of graduates of the University and of members of the faculty will be given priority in admission to the Upper and Lower Divisions until January, 1934, provided their qualifications place them among the first 150 candidates, chosen on the basis of superior fitness, in any list where 100 are to be selected (proportional numbers for larger or smaller lists). Under the 500-limit, the number of places open to new women students in October is approximately 140. Of these, 35 are provisionally assigned to approved candidates for graduate standing; 105 to approved candidates for undergraduate standing. Approximately 35 places will be assigned to new undergraduate women registered on the priority list, until such applications are exhausted. Proportional assignments will be made for the winter, spring, and summer quarters. A college aptitude test is required of all candidates for admission to the Upper and Lower Divisions. The requirements for graduate standing are fulfilled by graduates of colleges and universities of recognized standing whose credentials evidence ability and promise, and who expect to become candidates for advanced degrees, or for the high school teacher's certificate, or who purpose to pursue regular advanced, professional, or research courses. Candidates for admission to the Upper Division must have satisfactorily completed at least 87 quarter units (two years) of collegiate work at an institution of recognized standing. Graduates of California Junior Colleges, or other approved junior colleges, may be considered eligible for this group. (Satisfactory completion of work means that the average grade of the entire record, and of the last quarter (or semester), is at least equivalent to an average grade of C on a grading scale in which A, B, C, and D are passing grades.) Applications for admission to the Lower Division with advanced standing will be received from candidates who, in addition to the completion of the requirements for first-year undergraduate

standing, have satisfactorily completed collegiate work at an institution of recognized standing, the amount being less than that required for the Upper Division. Candidates for admission to the Lower Division with first-year undergraduate standing may fulfill the scholarship requirements either (1) by completion of a regular 4-year high-school course, or its equivalent; (II) by passing the examinations of the College Entrance Examination Board; or (III) by an equivalent combination of the two. The only prescribed subject is English (minimum, 2 units); but applicants will find it to their advantage to anticipate, in the high school, certain Lower Division requirements of the University and to offer the following as part of the 15 units required: 4 units in English; 3 units in one Foreign Language (or 2 units in each of two Foreign Languages); 1 unit in either Biology, Botany, Physiology, Zoology, or General Science; 1 unit in either Physics or Chemistry; 1 unit in American History (or in American History and Civics). In anticipation of an engineering course, 1 unit in Plane Geometry, 2 units in Algebra, ½ unit in Trigonometry, 1 unit in Mechanical Drawing, and the Foreign Language and Biological Science requirements listed above. Credentials required are: (1) Personal application for admission to the Lower Division with first-year undergraduate standing, including application fee of $5; (2) complete high-school record; (3) statements of personal qualifications; (4) record of any college aptitude or similar test other than that given by Stanford University; (5) official report of any examinations taken through the College Entrance Examination Board.

Degree requirements: Candidates may be presented for graduation in January, April, June and October. *Lower Division requirements:* The Lower Division consists of the first and second years of the University curriculum. Under the supervision of the Committee on Lower Division Administration, the work of the first two years is made up of group requirements, subject requirements, and electives. Group requirements: 18 units (nine each year) in each of the following groups: (I) Languages and Literature (English and Foreign), Formative Art (including graphic art and drawing courses in the engineering department); (II) Natural Sciences, Mathematics; (III) Social Sciences (including History, Political Science, Economics, Philosophy, and Education). Subject requirements: 6 units in English Composition (English 2, 3 units a quarter for two quarters), to be taken during the second year in the University, and applied on the Group I requirement. 22 units in one Foreign Language, or 15 units each in two Foreign Languages. (This requirement may be anticipated in the high school, in whole or in part, its full equivalent being 3 entrance units in one Foreign Language or 2 entrance units each in two Foreign Languages.) 9 units in a Biological Science, and 9 units in either Physics or Chemistry, applying on the Group II requirement. (One of the sciences may be anticipated in the high school, its equivalent being 1 entrance unit in a Biological Science, or in Physics or Chemistry, or in General Science.) 9 units in American History, and 9 units in general History, normally taken during the second year to fulfill Group III requirement. (One of the History requirements may be anticipated in the high school, its equivalent being one entrance unit in History.) 12 units in Citizenship (4 units a quarter), to be taken during the first year in the University. This course fulfills the Group III requirement in the first year. All Lower Division students, with the exception of those registered in the Military Department, are required to devote to physical training 3 hours a week, for six quarters. At the beginning of the junior year, and upon completion of the Lower Division requirements, the student selects a Major Subject. The Major Department prescribes not more than 60 units in the Major Subject (exclusive of elementary courses). The Major Department also recommends other courses and exercises an advisory supervision over the student's curriculum. At least 90 of the 180 units required for the degree must be taken outside of the Major Department. In Applied Science the Major Department may prescribe as much of the entire 180 units as it deems essential to the technical or professional re-

quirements of the Major Subject. Within these limitations the work in all departments is elective.

The degree of A.B. is conferred upon candidates who have fulfilled the following requirements: 1. 180 (quarter) units, including required Lower Division courses, together with required physical or military training. 2. As many grade points as there are units registered on the candidates record card. 3. Completion of the major subject requirements. Recommendation of the Major Department is necessary to graduation. 45 units constitute a normal year's work, but the ordinary class divisions (Freshman, Sophomore, Junior, Senior) are not recognized by the University. The degree is conferred whenever the requirements are met, without regard to the time spent, except that at least 45 units (including, except in special cases, the last 15) must be completed in this University.

The degree of Master of Arts is conferred upon the satisfactory completion of one academic year of graduate work, the presentation of an approved thesis, and the passing of such general or final examination as the School or Major Department may require. The degree of Master of Business Administration will be conferred when the student has satisfied the requirements laid down by the faculty of the Graduate School of Business. In the School of Engineering and the departments of Applied Science the professional degree of Engineer is conferred upon the satisfactory completion, in residence, of professional study for either one or two years, as the School or Major Department may require, and upon the presentation of an approved thesis, showing ability to do independent work. After October 1, 1929, two years of study will be required in all departments.

The degree of J.D. is conferred on students who have previously received the degree of B.A., or its equivalent, upon the completion of the three years' professional law course.

The degree of M.D. is conferred on students who complete the five years' curriculum in Medicine (which includes the intern year), based upon three years' premedical course. A candidate for the degree of Ph.D. must be a graduate of this University or have had equivalent training. Before being recommended for the degree, a candidate must show, together with a satisfactory general equipment, high attainment in a particular field of knowledge, and ability to do independent investigation; mere length of residence and courses taken are not the main consideration. A candidate must have satisfactorily completed at least three years of graduate work under the following conditions: 1. At least one year of graduate study, other than the first, must be spent in residence at this University. 2. The program of study will include ordinarily one major subject and one or two minor subjects. 3. Before the primary examination the candidate must show a reading knowledge of French and German in his special field. 4. At some time within his third quarter of study preceding that in which the degree is to be taken, that is, toward the end of the preceding year, or in any event no later than the first six weeks of his next quarter following, the candidate must pass a primary oral examination approximately 3 hours in length. 5. At least four weeks before the close of the final quarter before the degree is to be conferred, the candidate must deposit at the Registrar's Office a dissertation, an abstract of its contents between 200 and 5,000 words in length, and a short biography. The dissertation must be the result of independent work, expressed in satisfactory literary form, and must in some way add to or otherwise modify what was previously known on the subject. 6. After the acceptance of the dissertation by the special committee, the candidate shall be given a secondary oral examination of an hour or more, mainly on the special field in which his dissertation lies, and on such other subjects, if any, as may have been excepted from the primary examination. 7. Before the degree is conferred, the candidate must deposit at the Registrar's office (1) three typewritten (or printed) copies of his dissertation, one of which will be made available by the Uni-

versity Library for loan to other libraries, and (2) an abstract of its contents between 500 and 2,000 words in length. The departments of the School of Medicine are considered as equivalent to other departments of the University in respect to candidacy and requirements for the degrees of Master of Arts and Doctor of Philosophy.

General requirements: At the beginning of the junior year, or at the beginning of any quarter thereafter, any student whose university record is of an average B grade or above, or who is deemed by his School or Department as specially qualified may, with the consent of the School or Department, enroll under the Independent Study Plan. The plan of study is arranged with the intention of providing a program of work, both more comprehensive and more intensive than that of the average student, calling for greater initiative, more self-direction, a higher type of thinking, and leading to a comprehensive final examination or examinations. Some faculty member of the School or Department is the special advisor of the student. The student is checked up in his work through reports, theses, discussions, and conferences with the advisor, or, and to the extent that may be determined, through meeting the regular tests in particular courses.

Departments and Staff: Anatomy: *Professors*, 3; *Associate Professors*, 2; *Assistant Professors*, 0; *Instructors*, 1. Bacteriology: 2, 0, 0, 1. Biology: 3, 0, 1, 0. Botany: 3, 1, 0, 0. Chemistry: 6, 1, 3, 3. Citizenship: 0, 0, 0, 7. Civil Engineering: 4, 1, 1, 1. Classical Literature: 4, 1, 0, 0. Economics: 6, 1, 2, 2. Education: 5, 2, 1, 1. Electrical Engineering: 1, 1, 2, 2. English: 4, 4, 2, 5. Food Research Institute: 3, 0, 0, 0. Geology: 4, 0, 0, 1. Germanic Languages: 2, 0, 1, 2. History: 6, 2, 1, 0. Hygiene and Physical Education: 6, 6, 3, 4. Journalism: 1, 1, 0, 0. Mathematics: 5, 0, 0, 2. Mechanical Engineering: 4, 3, 3, 1. Military Science: 1, 3, 1, 0. Mining and Metallurgy: 3, 3, 0, 0. Philosophy: 1, 1, 0, 1. Physics: 2, 3, 1, 0. Physiology: 1, 2, 3, 2. Political Science: 2, 1, 0, 0. Psychology: 2, 2, 2, 1. Public Speaking: 1, 1, 2, 1. Romance Languages: 3, 2, 2, 0. Slavic Languages: 0, 0, 1, 0. School of Business: 6, 1, 0, 0. School of Law: 8, 2, 1, 0. School of Medicine: 13, 5, 5, 2. Zoology: 4, 1, 2, 1. See also Chapters V–VI.

Enrolment for year ending 1925–26, 4,201: Graduate Division, 1,193; Upper Division, 1,357; Lower Division, 1,629; Special, 22.

Degrees conferred year ending June 30, 1926, 808: Men, 639; women, 169: A.B., 579; A.M., 100; Engineer, 28; J.D., 45; M.D., 27; Ph.D., 29. Total number of degrees conferred since foundation, 11,672: A.B., 9,213; B.L., 99; Advanced, 2,360.

Fees, expenses, and aid funds: Application fee, $5. Tuition fee for new graduate students is $85 a quarter, except in the Graduate School of Business, where the fee is $115 a quarter. Tuition fee for undergraduates, $85 a quarter. Community fee, $10 a quarter. This fee covers the privileges of the gymnasium, athletic grounds, hospitals, the Stanford Union or Women's Clubhouse, and membership in the Associated Students. A Pavilion fee of $1 a quarter is assessed upon all undergraduates by the Associated Students. The Community fee is not collected from students registered at the Hopkins Marine Station. Students registered in the School of Medicine at San Francisco are charged a Hospital fee of $2 instead of the Community fee. Laboratory fees, $10 to $20. The General fee (covering all charges) at Hopkins Marine Station for all graduate and undergraduate students, $85 a quarter. Diploma fee $5, is charged to all persons receiving degrees from the University, except those who enroll for the first time in the graduate or undergraduate divisions of the University after January 1, 1927. Undergraduate men, not living with parents or guardians, are expected to room in the dormitories. New Lower Division men entering the University in the autumn, are required to live at Encina Hall for the first three quarters; those entering in the winter, for the first two quarters; those entering in the spring, for the first quarter only. Undergraduate women not living with parents or guardians, are required to reside in Roble Hall for three quarters. Rooms in Roble

Hall cost $30 a quarter, and board approximately $80 a quarter. The cost of living for students of Medicine in San Francisco is about the same as at Stanford University. There are numerous rooming and boarding houses near the medical buildings. The following is an estimate of the expenses each quarter for undergraduate men: Tuition and Community fees, $95; books, syllabus fees, etc., $15 to $30; board, $90 to $120; room, $18 to $45; incidentals (other than clothing and railway fares), $35 to $50; laundry and clothing, $35 to $100. Total for the quarter, $288 to $440. Laboratory fees are additional. The cost of board is variable and the estimate given for men is conservative, while a lower cost is possible in cooperative clubs. For women residing in Roble Hall room and board amount to $110 for the quarter ($125 for the summer quarter). All undergraduates pay also the Pavilion assessment of $1 a quarter.

Scholarships and fellowships: Forty-two scholarships of from $100 to $500 each. Eighteen fellowships, value varying from $300 to $2,500 yearly. Thirteen loan funds.

A research committee administers a fund of about $3,300 a year, available for all departments of the University. The Food Research Institute of Stanford University receives an annual grant of $73,000 from the Carnegie Corporation. There is also a fund of $12,000 for the support of historical studies. Thomas Welton Stanford Fund for psychical research. Wellington Gregg Fund for medical research. Various grants from the Commonwealth Fund, from time to time.

Employment bureau: Committee on Vocational guidance. Percentage of students who earned way through college during year ending June 30, 1926, 40.83; 1,242 students reported earnings of $96,642.69.

Dates of beginning and ending sessions: Autumn quarters, October 1; December 17, 1926. Winter quarter, January 3; March 18, 1927. Spring quarter, March 28; June 15. Summer quarter, June 21; August 27, 1927. University year begins the first of October and is continuous throughout four quarters of approximately 11 weeks each. Any three quarters constitute an academic year. The Summer quarter differs from other quarters only as the courses of study in the various departments may be contracted, or expanded, or specialized to meet the needs of a particular constituency; or, as in Physiology and Zoology, where the summer program is transferred to the Hopkins Marine Station at Pacific Grove. The emphasis of the Summer quarter is placed on advanced and graduate work.

Summer session: Attendance, 1926, 1,150.

Publications: Stanford University Bulletins include University Register in August. President's Report in February, etc. Stanford University Press publishes also: "University Series," monographs and other papers embodying results of research, 1908–1920, 43 titles; 1920–1926, 30 in 12 volumes.

Administrative officers: President, Ray Lyman Wilbur; Registrar, John Pearce Mitchell; Dean of Women, Mary Yost; Dean of Men, George Bliss Culver.

STATE COLLEGE OF WASHINGTON

PULLMAN, WASHINGTON

Land-grant college, for men and women. Publicly controlled.

Founded March 28, 1890.

Board of 5 Regents, appointed by Governor. State College of Washington has schools and colleges as follows: College of Agriculture, College of Mechanic Arts and Engineering, College of Home Economics, College of Veterinary Medicine, College of Sciences and Arts, School of Mines and Geology, School of Education, School of Pharmacy, School of Music and Fine Arts, Graduate School, Department of Physical Education, and Department of Military Sciences and Tactics, and Experiment Stations.

Endowment: $2,325,976.04. Income from endowment, $105,260.15. State appropriations, Federal appropriations, and miscellaneous receipts, $1,734,336.17. Total annual expenditures for year ending June 30, 1926, $1,740,749.85. Most notable financial item for the year was the increase in the millage tax from 0.67 to 0.8746.

Grounds and buildings: Campus, Farm and Experiment Stations, 1,023 acres. Two

dormitories for men (452). Five for women (494). Total value of buildings, $1,348,119.-43. Total value of grounds, $2,312,071.13.

Library, 110,000 volumes; 1,000 current periodicals.

Laboratories: Value of equipment in principal departments, $507,147.44.

Health program: Athletic field for men and women. Golf links. State legislation requires minimum of 90 minutes physical training a week of every student during his stay at college. All students must pass a physical and athletic test and medical examination.

Admission requirements: Applicants for admission must be graduates of accredited high schools of Washington, or must have 16 units for entrance. Students in the lowest one-fourth of graduating class of an accredited high school will be rated as belonging to Class B. They will not be admitted unless they are recommended *for trial* by high school principal. Students so recommended will be admitted on probation. Those who are able during first semester to meet the scholastic standards of the college will be given regular Freshman standing at the beginning of the second semester; those who do not meet these standards will be asked to give up their work.

Degree requirements: Students who complete any of the 4-year collegiate curricula, have spent not less than 36 weeks in residence, and earned not less than 24 hours in residence, may become candidates for the degrees of B.A. or B.S. Students completing work of the 3-year course in Pharmacy may become candidates for the degree of Pharmaceutical Chemist. Students who have completed the work for B.S. in Pharmacy may also become candidates for the degree Ph.C. Students completing work for B.S. in Veterinary Medicine may also become candidates for degree of D.V.M. Candidates for the Bachelor's degree must have completed 8 hours of English, including 4 hours of Composition and 2 hours of Literature; 12 hours of Biological or Physical Science, 8 hours of the 12 being required in courses embodying laboratory instruction; 4 hours of Social Science; 4 hours of Language, Literature or Social Science. 128 semester hours of credit and 128 grade points.

General requirements: All students required to take at least 2 hours a week of Physical Education. Men required to take 2 years Military Science.

Departments and Staff: Agriculture: *Professors*, 10; *Associate Professors*, 2; *Assistant Professors*, 13; Instructors, 4. Bacteriology: 1, 0, 0, 3. Botany: 1, 1, 1, 2. Business Administration: 3, 1, 7, 9. Chemistry: 2, 1, 5. 0. Education: 3, 0, 4, 1. English: 1, 3, 2, 9. Foreign Language: 1, 1, 0, 6. Home Economics: 1, 2, 2, 4. Mechanic Arts and Engineering: 5, 3, 9, 10. Mines and Geology: 2, 0, 1, 1. Music and Fine Arts: 3, 0, 2, 14. Pharmacy: 1, 0, 1, 2. Veterinary Medicine: 1, 0, 1, 3. Zoology: 1, 0, 0, 2.

Enrolment for year ending June 30, 1926: Agriculture, 223; Home Economics, 171; Mechanic Arts and Engineering, 464; Sciences and Arts, 1,271; Veterinary Medicine, 45; Education, 301; Mining and Geology, 38; Music and Fine Arts, 219; Pharmacy, 146; Physical Education, 95; Military, 2; Elementary Science, 89. Total number of matriculates since foundation, 18,500.

Degrees conferred year ending June 30, 1926: 420: Ph.C. and Ph.G., 38; B.S. and B.A., 361; Masters, 19; Professional, 2. Total number of degrees conferred since foundation, 3,825.

Scholarships and fellowships: Ten fellowships; 16 general scholarships; 12 music scholarships.

Employment bureau: 83 per cent of students enrolled earned part, and some of them earned all of their expenses while attending college.

Dates of beginning and ending sessions: Autumn quarter, October 1–December 20, 1927; Winter quarter, January 3–March 23, 1928; Spring quarter, April 2–June 13, 1928.

Summer session: June 19–September 1, 1928. 99 courses offered in 1925. Attendance, 1925, 312.

University extension in cooperation with U. S. Department of Agriculture.

Catalog in June.

Administrative officers: President, E. O. Holland; Registrar, F. T. Barnard; Dean,

College of Agriculture, E. C. Johnson; Dean of Home Economics, Florence Harrison; Dean of Mechanic Arts and Engineering, H. V. Carpenter; Dean of Sciences and Arts, C. C. Todd; Dean of Veterinary Medicine, E. E. Wegner; Dean of Education, A. A. Cleveland; Dean of Mines and Geology, L. O. Howard; Dean of Music and Fine Arts, Herbert Kimbrough; Dean of Pharmacy, P. H. Dirstine; Dean of Extension Service, S. B. Nelson; Director of General College Extension, F. F. Nalder; Dean of Women, Mrs. Annie M. Fertig.

STATE UNIVERSITY OF IOWA

See: University of Iowa.

STATE UNIVERSITY OF MONTANA

MISSOULA, MONTANA

State University. Coeducational.

Established by act of State Legislature, approved February 17, 1893. Opened, September 11, 1895.

Governed by State Board of Education, which consists of the Governor, Attorney General, and State Superintendent of Public Instruction, and 8 members appointed by Governor for 4-year terms. This board controls the institutions of higher education and the eleemosynary institutions of the State. The State University, at Missoula, State College of Agriculture and Mechanic Arts at Bozeman, State School of Mines at Butte, and State Normal College at Dillon, are organized as the University of Montana with a Chancellor, whose office is at the State Capitol in Helena, as chief executive officer. The State Board of Examiners, consisting of the Governor, Attorney-General and Secretary of State, have some control of certain expenditures. The President of the University and 2 members appointed by the Governor compose the Executive Board, which has immediate supervision of the institution, subject to direction of State Board of Education and State Board of Examiners. The University is organized into 27 schools and departments of instruction.

Financial resources: The State University shares in the income from a one and one-half mill tax levy for the four institutions comprised in the University of Montana, appropriations to each institution being made by the Legislature. The State University is beneficiary of the Federal land-grant of 1881, the annual income being approximately $30,000. The W. W. Dixon Law Endowment yields about $5,000 annually. The total expenditures for operation and maintenance, not including dormitories and student activities, 1925–1926, was $416,146.51. In addition, $21,139.41 from proceeds of a bond issue was spent for new buildings. During the fiscal year, 1925–26, $23,372.14 was spent for a new athletic field. Budget, 1926–27, $510,000.

Grounds and buildings: Campus of approximately 100 acres. In addition the University owns 520 acres on Mt. Sentinel immediately adjoining the campus, and 168 acres on Flathead Lake used for a biological station. Three residence halls for Freshman men and women (300). Total value of grounds, $250,000. Total present worth of buildings, $1,532,258.20. Total value of grounds, buildings and equipment, $2,197,414.11. The State University has received $1,455,000 from a State bond issue of $5,000,000 adopted in 1920 for buildings of State institutions. Building plan (1919) by C. H. Carsley with advice of Cass Gilbert.

Library (1922), 98,900 volumes, including 10,700 government documents; 855 current periodicals. Special collections in Education, Northwest History, Forestry.

Laboratories for Chemistry, Biology, Botany, Geology, Physics, Pharmacy, Forestry and Home Economics housed in various buildings. Equipment valued at $40,000.

Health program: Department of Physical Education. Gymnasium including swimming-pool (1922), cost $225,000. Athletic field (1925). Physical education required for all Freshmen and Sophomores. Physical and medical examination of incoming students. University nurse. The service is supported by a fee of $2.50 a quarter charged each student. In so far as the fund derived from this fee is sufficient, students are reimbursed for bills incurred with the authorization of the University nurse for medical

and emergency surgical attention, hospital charges, and medicines. The fund is usually sufficient to reimburse each student 75 per cent of such bills.

Admission requirements: High school graduation and 15 units, including English 3, United States History and Government 1. After September, 1927, the 15 units must also include 2 other units from each of three of the following groups: (a) Mathematics, (b) History and Social Science, (c) Laboratory Science, (d) Foreign Languages. A student not a high school graduate may be admitted conditionally on 15 entrance units, if he has attended high school 4 years, and is recommended by his high school principal. Entrance deficiency of 1 unit must be removed within one year. For admission to Law School 2 years of college work, with grade points totalling 80 per cent of his credits.

Degree requirements: Students in College of Arts and Sciences and School of Music receive the B.A. degree on completion of 186 credits, including 8 credits in English Composition, 0–25 in Foreign Languages (depending upon high school language), 12 in Science or Mathematics, 8 in Social Science, 8 in Literature or Philosophy, 6 in Physical Education, 6 in Military Science, and 40–65 in the major department. Students in School of Business Administration receive B.A. in Business Administration on completion of same requirements with exception of offering 53–65 credits in major subject (Business Administration). Students in School of Journalism receive the B.A. in Journalism by fulfilling the same requirements, except that they offer 50–80 credits in Journalism. Degree of LL.B. conferred upon students completing 126 credits of Law, including 54 credits of prescribed work. School of Forestry confers B.S. in Forestry on students completing prescribed curriculum amounting to 192 credits and two summers of field work. School of Pharmacy confers B.S. in Pharmacy and degree of Pharmaceutical Chemist on students completing prescribed 4-year course, 186 credits and prescribed 3-year course, 141 credits respectively. Candidates for all degrees must offer as many grade points as credits earned. Candidates for the degrees of M.A. and M.S. must spend a year in residence, must offer themselves for examination in 30 credits of which 22 must be in the major subject, and must prepare a thesis.

General requirements: For first and second year women Physical Education is required; for first and second year men Military Science required. Freshmen must live in the dormitories.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 2. Botany: 1, 0, 1, 1. Chemistry: 2, 1, 0, 0. Economics: 1, 1, 1, 2. Education: 2, 0, 0, 0. English: 2, 2, 1, 4. Fine Arts: 1, 0, 0, 0. Foreign Languages: 2, 0, 3, 4. Geology: 1, 0, 1, 0. History: 2, 0, 0, 2. Home Economics: 1, 0, 2, 0. Library: 0, 1, 0, 3. Mathematics: 2, 0, 1, 0. Physical Education: 1, 1, 1, 1. Physics: 1, 0, 0, 0. Psychology: 1, 0, 1, 0. School of Business Administration: 1, 0, 1, 1. School of Forestry: 2, 2, 0, 1. School of Journalism: 1, 0, 0, 1. School of Law: 4, 1, 0, 0. School of Music: 2, 0, 2, 1. School of Pharmacy: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 2,032: Men, 1,026; women, 1,006. Total number of matriculates since foundation, 10,390.

Total number of degrees conferred year ending June 30, 1926, 217. Total number of degrees conferred since foundation, 1,638: B.A., 1,141; Ph.B., 7; B.S., 202; Ph.C., 47; Ph.G., 80; Law Certificate, 37; LL.B., 91; M.A., 28; M.S., 5.

Fees: All fees, including student activity and health service, $67.50 a year; out of State students, $75 a year. Entrance fee, $5. Diploma fee, $5. Board, $25, and room, $11 to $16 a month. All expenses, except clothing and transportation, between $500 and $600 a year.

Various loan funds available to Junior and Senior students.

Approximately one-half of students earn their way in whole or in part.

Dates of beginning and ending session: Autumn quarter, 1927: September 19 to December 16; Winter quarter, 1928: January 2 to March 16; Spring quarter, 1928: March 20 to June 8.

Summer session: Nine weeks, divided into three terms of 3 weeks each. 19 departments offered 111 courses in 1926. Attendance, 1926, 429.

Annual catalog in May.

Administrative officers: Chancellor, Melvin A. Brannon, State Capitol, Helena. President, Charles H. Clapp; Dean of Men, Richard H. Jesse; Dean of Women, Harriet R. Sedman; Registrar and Business Manager, James B. Speer.

STATE UNIVERSITY OF NEW MEXICO

ALBUQUERQUE, NEW MEXICO

State University for men and women, including a College of Arts and Sciences, a College of Engineering, and a Graduate Division.

Founded in 1889 by legislative enactment, and opened on June 15, 1892.

Board of Regents, consisting of 5 members appointed by Governor for a term of 4 years; Governor and State Superintendent of Education additional ex officio members.

Financial resources: During the past year, oil has been discovered upon the lands of the State University, but the matter has become one of litigation, both in the State and Federal courts. If the litigation is decided favorably to the University, the income of the institution, of course, will be greatly augmented. At present, the financial resources are as follows: State legislative appropriation, $97,500; $13,100 for equipment. Income from grazing and other lands, $46,000. Total income about $216,000. Total expenditures for the year ending June 30, 1926, $210,817.36. Budget, year ending June 30, 1927, $215,813.

Grounds and buildings: 18 buildings and land comprising campus, valued at $830,000. University also has approximately 300,000 acres of State lands of undetermined value.

Library (1926), 60,000 volumes. Special collection of 170 volumes in Spanish, Latin, Italian, and French, dating from 1533 to 1803.

Laboratories: Chemistry and Biology laboratories in Chemistry Building; Physics, Geology, and Electrical Engineering laboratories in Engineering Building; Wood Shop and Machine Shop in Hadley Hall; Psychological laboratory in Administration Building. Separate building for Home Economics laboratories. Scientific apparatus valued at approximately $50,000.

Health program: Health examination for all students at time of registration; no student may graduate without having satisfactorily completed a course in Hygiene. Gymnasiums for men and for women. Courses in Physical Education required of all men and women candidates for degrees. University physician.

Admission requirements: 15 units, including English 3, Algebra 1, Plane Geometry 1, History 1, Foreign Language 2, Laboratory Science 1. Adult special students must obtain regular status or leave the University within one year.

Degree requirements: College of Arts and Sciences: 124 semester hours, at least 90 semester hours of which must be of C (77–84) grade; total must include a major of 24 semester hours of C grade in courses above the elementary grade, and a minor of 12 semester hours of C grade in courses above elementary grade. College of Engineering: 144 semester hours, including certain specified courses. For the Master's degree 30 specified semester hours in residence and a thesis are required.

General requirements: One year of Physical Education required of all candidates for degrees. Attendance on assembly required each semester. Students who live in dormitories, maintained on Campus for both men and women, required to board at University Dining Hall.

Departments and Staff: Biology: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 0. Chemistry: 1, 0, 0, 1. Civil Engineering: 0, 1, 0, 0. Classics: 1, 0, 0, 0. Economics and Business Administration: 1, 0, 0, 1. Education: 2, 0, 0, 1. Electrical Engineering: 1, 0, 0, 0. English: 1, 0, 1, 0. Geology: 1, 0, 0, 0. History and Political Science: 2, 0, 0, 0. Home Eco-

nomics: 1, 0, 0, 1. Hygiene and Physical Education: 1, 0, 0, 1. Library Science: 0, 0, 1, 0. Mathematics: 1, 0, 0, 0. Music: 1, 0, 1, 1. Practical Mechanics: 0, 1, 0, 0. Psychology: 1, 0, 0, 0. Romance Language and Literature: 0, 1, 1, 0.

Enrolment year ending June 30, 1926: 702: College of Arts and Sciences, 321; College of Engineering, 82; Graduate Division, 7; Special and Unclassified, 18; Summer Session, 256; Extension Courses, 18.

Degrees conferred year ending June 30, 1926: B.A., 36; B.S., 5; B.S. in Civil Engineering, 3; B.S. in Electrical Engineering, 5; M.A., 1.

Fees: Matriculation, $5; tuition, residents, $15 a semester; tuition, non-residents, $35 a semester; student activities fee, $5. Total annual fees, residents, $55; non-residents, $95. Laboratory fees approximate $3 each credit hour of laboratory work. Diploma fee, $5 for undergraduates; $10 for graduates. Board and room on campus may be had for from $30 to $37.50 a month. Estimated minimum annual expenses, $450; maximum, $600.

Five scholarships ($200 to $500 each) for graduates of New Mexico high schools.

Nearly one-third of students earn their way in whole or in part.

Dates for academic year, 1927–28: First semester begins September 13, 1927; second semester January 31 to June 1, 1928.

Summer session: 1928 Summer session opens June 8 and closes July 31. Fourteen departments offered 51 courses in 1926. Attendance, 1926, 224.

University extension: A few extension courses of one-hour or two-hour lectures weekly for a period of not less than 8 weeks, by members of the regular teaching staff.

Catalog in January.

Administrative officers: President, ——; Dean of the College of Arts and Sciences, Lynn Boal Mitchell; Acting Dean of the College of Engineering, Philip S. Donnell; Dean of Men, John D. Clark; Supervisor of Women, Wilma L. Shelton; Chairman of Committee on Graduate Instruction, James F. Zimmerman; Registrar, Walter E. Bowman.

STEVENS INSTITUTE OF TECHNOLOGY

HOBOKEN, NEW JERSEY

Name for bequest: The Trustees of The Stevens Institute of Technology.

Privately controlled College of Engineering. Non-denominational.

Founded by Edwin A. Stevens, in will bearing date April 15, 1867. Incorporated February 15, 1870. Opened in September, 1871.

Self-perpetuating board of 16 Trustees. Three are elected by the Board on nomination of Alumni Association. The others are life members.

Endowment: $2,800,000. Income from endowment (estimated 1926–27), $136,000. Total annual expenditures year ending June 30, 1926, $308,000. Budget, 1926–27, $315,000. Receipts on account of campaign pledges, $35,762.45. Account of Hoxie legacy, $12,500. From trustees, $3,000.

Grounds and buildings: Value of grounds (22 acres), $800,000. Total present worth of buildings, $1,025,000. Total value of grounds, buildings and equipment, $2,075,000.

Library (1918), 18,500 volumes, including about 2,000 government documents; 250 current periodicals.

Morton Memorial laboratory of Chemistry (1905). Carnegie laboratory of Engineering (1901). Value of equipment in principal departments: Mechanical Engineering, $90,000; Electrical Engineering, $50,000; Physics, $15,000; Chemistry, $13,500; Shop, $10,000.

Health program: Department of Physical Education. Gymnasium (1915–16). Infirmary.

Admission requirements: 14½ units, including Mathematics 4, Physics 1, Chemistry 1, English 3, Language 2 in one language, History 1. Entrance conditions must be removed before beginning of second year.

Degree requirements: One required curriculum: 4,131 hours, of which 330 are scheduled for physical education. 39 hours are assigned in Senior year for report writing.

Departments and Staff: Chemistry: *Pro-*

fessors, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Economics of Engineering: 2, 0, 0, 0. Electrical Engineering: 1, 0, 0, 4. Engineering Practice: 1, 0, 0, 0. English and History: 1, 0, 2, 1. Machine Design, 1, 2, 1, 4. Mathematics: 0, 0, 2, 0. Mechanical Engineering: 1, 0, 2, 3. Mechanics: 1, 0, 2, 0. Modern Languages: 1, 0, 1, 0. Physical Education: 1, 0, 0, 2. Physics: 1, 0, 2, 0. Shop Practice: 1, 0, 1, 4. Structural Engineering: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 450. Total number of matriculates since foundation, 5,393.

Degrees conferred year ending June 30, 1926, 90. Total number of degrees conferred since foundation, 2,871: M.E., 2,866; B.S., 5.

Fees: Tuition fee, $300 a year. Senior year, $400. Incidental expenses for books, laboratory supplies, etc., $80 a year. Graduation fee, $15. Lodging and board, $440 to $560. Annual expenses: Liberal, $1,000; low, $800.

Scholarships and fellowships: Forty-seven scholarships of $100 to $300.

Special Research Fund in Physics: Capital, $10,000, plus contributions from $500–$625; income $575 a year.

Dates of beginning and ending sessions: September 26, 1927; May 29, 1928.

Summer session: August 6 to September 1, 1928 primarily for Stevens students. Attendance, 1926, 215.

Catalog in February.

Achievements of year ending June 30, 1926: A campaign to raise an additional endowment fund of $1,000,000 successfully completed in 1924.

Bibliographical reference: Morton Memorial volume.

Administrative officers: President, Alexander C. Humphreys; Registrar, Adam Riesenberger.

SWARTHMORE COLLEGE

SWARTHMORE, PENNSYLVANIA

Coeducational college, limited to 500 students. Privately controlled.

Founded in 1864 through efforts of members of the Religious Society of Friends. Non-sectarian character in instruction and in management.

Self-perpetuating board of 32 Managers.

Financial Resources: Endowment, $3,400,000. Income from endowment, $175,000; from tuition, $165,000. Total budget for instruction and administration, 1926–27, $380,000.

Grounds and buildings: More than 20 buildings on 200-acre campus. Residence halls for 500 students. Cost of buildings and grounds is $3,000,000.

Library and Friends' Historical Library: 75,000 volumes; numerous tracts, early writings and manuscripts relating to Religious Society of Friends.

Laboratories: Physics and Biology in Science Hall. Chemical laboratories in Hall of Chemistry. Civil, Mechanical, and Electrical laboratories in Hicks Hall and in Beardsley Hall.

Sproul Astronomical Observatory: An equatorial refractor of 24 inches aperture. Also a photographic telescope of 9 inches aperture; other equipment.

Health program: Health and physical education under a full-time college physician. Two full-time nurses. Free medical inspection clinic and health instruction. Two infirmaries; an isolation ward. Two gymnasiums and two swimming pools. Athletic fields.

Admission requirements: 15 units; no conditions.

Degree requirements: For students in Liberal Arts, 124 semester hours and 124 quality points. For students in Applied Science and Engineering from 132 to 148 hours and 124 quality points. Six group requirements: English, 10 hours; Foreign Language, 12 hours; Social Sciences, 12 hours; Physical Sciences, 6 hours; Mathematics, 6 hours; Physical Education. Students in Honors Courses are exempt from regular class requirements in Junior and Senior years, and receive degree with honors based on final examinations given by external examiners.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 1, 0, 1. Classics: 1, 1, 0, 0. Economics: 1, 0, 0, 1. Education: 1, 0, 0, 2. Engineer-

ing: 2, 0, 1, 4. English: 2, 1, 3, 2. Fine Arts: 1, 0, 0, 0. German: 1, 0, 0, 1. History: 2, 0, 2, 0. Mathematics and Astronomy: 1, 1, 3, 3. Philosophy: 1, 1, 0, 1. Physics: 1, 0, 0, 1. Physical Education: 0, 1, 0, 5. Political Science: 1, 0, 0, 1. Romance Languages: 1, 0, 1, 3.

Enrolment limited to 500 students, 250 men and 250 women.

Degrees conferred June, 1926, 120. Total number of degrees conferred since foundation, 2,723.

Fees: Annual tuition fee, $300. Board and lodging, $450 a year. Annual expenses: $900 to $1,100.

Scholarships and fellowships: Twenty scholarships for men, paying $500 a year for four years, awarded on the same basis as Rhodes Scholarships: Literary and scholastic ability; character and leadership; physical vigor. Four scholarships for women, paying $500 a year for three years, awarded on same basis. Sixty working scholarships, paying $250 to $300 a year. Various class and special honorary scholarships, all open to competition. Three fellowships for Swarthmore graduates for graduate study at universities.

The Sproul Astronomical Observatory has a special endowment for research. In other departments the College maintains facilities for research by members of the staff, but does not offer research fellowships.

Employment: One-fifth of student body earn their way in part.

Dates of beginning and ending sessions: September 21, 1927; June 4, 1928.

Publications: College Bulletin, including Catalog. President's Report, etc., issued quarterly. Publications of Sproul Astronomical Observatory.

Achievements of year ending June 30, 1926: Grant made to Swarthmore College by General Education Board for development of Honors Courses, $240,000 over period of five years. Progress in Honors Courses, a system by which students who have shown outstanding ability and promise may read for honors during Junior and Senior years in Division of English, Division of Social Sciences, Division of Mathematics, Astronomy and Physics, Division of French, Division of Classics, Division of German, Division of Engineering, Division of Chemistry, Division of Biology and Division of Education. Students are excused from ordinary class requirements and receive instruction in small groups and individually. A large part of their work is done independently by their own reading. Comprehensive examinations at end of two years by external examiners. Swarthmore Eclipse Expedition to Sumatra. Bequest of $100,000 by late William J. Cooper for the Cooper Foundation to bring to the college outside lecturers and musicians of note.

Administrative officers: President, Frank Aydelotte; Dean of College, Raymond Walters; Acting Dean of Women, Frances Blanshard.

SWEET BRIAR COLLEGE

SWEET BRIAR, VIRGINIA

Name for bequest: Sweet Briar Institute.

College of Liberal Arts for women; privately controlled; non-sectarian.

Chartered in February, 1901. Founded by Mrs. Indiana Fletcher Williams as a memorial to her daughter, Daisy Williams. Instruction began in September, 1906. Academy discontinued in 1919.

Self-perpetuating board of 7 Directors.

Endowment: $324,708. Income from endowment, $18,897. Income from student fees, $295,427. Other sources, $29,392. Total annual expenditures year ending June 30, 1926, $314,160. Budget, 1926–1927, $331,431. Gift of $25,000 from Mr. T. F. Ryan.

Grounds and buildings: Residence halls for 430. Total value of grounds, including farm (2,800 acres), $50,726. Total present worth of buildings, $756,430. Total value of grounds, buildings and equipment, $962,520.

Library, 12,750 volumes; 90 current periodicals.

Laboratories: Physics, Chemistry, Psychology, Biology, and Home Economics laboratories are in one building (1905). Present value, $75,000.

Health program: Medical inspection on entrance; clinical histories kept on file. Gymnasium. Resident physician is head of

department of Physical Education. Infirmary (1925).

Admission requirements: 15 units. For A.B.: English 3, History 1, Mathematics 3, Latin 3 or 4, Modern Language 2 (in case only 3 units of Latin are offered). For B.S.: English 3, History 1, Science 1, Mathematics 3, Foreign Language 4. A condition of one elective unit is allowed which must be removed by the middle of the Sophomore year.

Degree requirements: 120 semester hours and 4 hours of Physical Education. For A.B.: English 12 hours, Bible 4, History 6, Science 6, Philosophy or Psychology 6, Modern Language 12, Latin or Mathematics 6, Hygiene 2, Physical Education 4. For B.S.: English 12, Bible 4, Mathematics 6, History 6, Modern Language 12, Laboratory Science 12, Philosophy or Psychology 6, Hygiene 2, Physical Education 4. Minimum requirement in major subject is 30 hours exclusive of elementary courses.

General requirements: Chapel attendance required. All students are expected to reside at the college except those from Amherst County, who attend as day students.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1, 1. Biblical Literature: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Comparative Literature: 1, 0, 0, 0. Economics and Sociology: 1, 0, 0, 2. English: 2, 0, 2, 1. French: 1, 1, 1, 1. Geology: 1, 0, 0, 0. German: 0, 0, 0, 1. Greek: 1, 0, 0, 0. History: 1, 1, 1, 0. Home Economics: 1, 0, 0, 0. Hygiene and Physical Education: 2, 0, 0, 1. Italian: 0, 0, 1, 0. Latin: 1, 0, 0, 1. Mathematics: 1, 0, 0, 1. Music: 5, 0, 0, 0. Philosophy, Psychology and Education: 1, 0, 0, 0. Physics: 0, 1, 0, 0. Spanish: 0, 0, 1, 0.

Enrolment for year ending June 30, 1926, 437.

Degrees conferred year ending June 30, 1926, 68. Total number of degrees conferred since foundation, 376: A.B., 343; B.S., 33.

Fees: Annual tuition fee, $200; music, $100 a year; art, $75 a year; maximum laboratory fee, $10 a course; diploma, $10; board, room, laundry, infirmary, library, lecture and church, $450 a year.

Scholarships and fellowships: 15 of $200 each. In accordance with the wish of the Founder, the Board of Directors gives tuition scholarships to Amherst County young women who are certified for college entrance and who give evidence of good scholarship.

Dates of beginning and ending sessions: Sessions close first Tuesday in June and open corresponding Tuesday in September to insure 34 weeks of instruction.

Catalog in January.

Achievements of year ending June 30, 1926: Gift of $25,000 for endowment. Conditional gift of $50,000 for endowment.

Administrative officers: President, Meta Glass; Dean, Emily Helen Dutton; Registrar, Grace Burr Lewis.

SYRACUSE UNIVERSITY

SYRACUSE, NEW YORK

University for men and women. Private control except in State College of Forestry. Non-sectarian; founded and fostered by Methodist Episcopal Church.

Founded in 1870, is, in its academic department, a continuation of Genesee College which flourished at Lima, New York, from 1849 to 1871; and, its medical department, of the Geneva Medical College (1835–1872), which was in part successor to the Fairfield Medical College (1812–1839). Faculty of College of Liberal Arts inaugurated August 31, 1871. College of Medicine opened in 1872; in 1873 College of Fine Arts organized. College of Law opened in 1895; College of Applied Science in 1901, and Teachers College in 1906. New York State College of Forestry at Syracuse University founded by an act of Legislature, in 1911. Joseph Slocum College of Agriculture, established 1913. Graduate School placed upon an independent basis in 1911. College of Business Administration established in 1920, having been founded as a School in September, 1919. College of Home Economics opened as a School in 1918, and made a College in June, 1921. Four other Schools have been established: Library (1908), Public Speech and Dramatic Art (1913), Nursing (1915),

School of Citizenship and Public Affairs (1924). Summer session dates from 1902; School of Extension Teaching from 1918.

Board of 60 Trustees: 10 elected by Alumni, 28 by the supporting conferences of the Methodist Episcopal Church, the remainder being Trustees at Large elected by the Board itself. There are 6 ex officio honorary trustees, including the New York State Resident Bishops of the Methodist Episcopal Church, the Commissioner of Education of the State of New York, the Governor of the State of New York, the Mayor of the City of Syracuse, the President of the Alumni Association.

Endowment: $2,745,406. Income from endowment, $154,642. Income from student fees, $1,191,823. Other income, $96,219. Total income, $1,442,684. Total expenditures, $1,539,978. Receipts from campaign, $287,000. All other gifts, $337,138.

Grounds and buildings: Dormitories: Sims Hall, for men (150); 15 for women (325). Value of campus (125 acres), $400,000. Value of buildings, $7,175,424.99. Value of grounds, buildings and equipment, $8,875,424.

Carnegie Library (1906), 159,265 volumes; 843 current periodicals. Special collections: Leopold van Ranke Library of Medieval History.

Laboratories: John Lyman Hall of Natural History (1905): Zoology, Botany, Bacteriology, Mineralogy, and Geology; value of building, $221,000; equipment, $100,000. Bowne Hall of Chemistry, Value of building, $136,843; equipment, $76,501. Esther Baker Steele Hall of Physics: Value of building, $45,000; equipment, $27,000. Value of laboratory equipment: Astronomy, $10,000; Bacteriology, $5,000; Botany, $10,000; Chemistry, $76,500; Geology, $15,000; Mineralogy, $10,000; Physics, $27,000; Zoology, $42,000; Medicine, $34,834; Engineering, $32,000; Fine Arts, $64,000.

Museums: Natural Science collections in John Lyman Hall of Natural History; Geology of New York State, Mineralogical collection, and preparations in Zoology and Botany. College of Fine Arts collection in art, including the Leavenworth collection of engravings, in the John Crouse College Building.

Holden Observatory of Syracuse University. Founded in 1887. Lat. 43° 2′ 13.1″ N.; long., 5 h. 4 m. 33 s. 36 W.; alt., 160 m. Director, E. D. Roe, Jr.; 8-inch Clark equatorial refractor; 5-inch Spencer equatorial refractor; 6-inch Brashear comet sweeper and other equipment. Researches on and computation of the orbits of comets and meteors.

Health program: Department of Public Health, headed by Professor of Bacteriology, Hygiene and Sanitation in the College of Medicine, and administered by the University Health Officer. Health examination of each student before admission. Participation in University activities, including athletics, subject to the approval of Health Officer. A student infirmary is maintained in connection with the University Hospital of the Good Shepherd. Two full-time physicians for men and one for women, with an adequate nursing staff, are provided, and infirmary privileges secured to each student. The Professor of Neuropsychiatry in the College of Medicine serves as consultant. Women's gymnasium (1892); men's gymnasium (1908). Stadium (28,000). Playing fields for men and for women.

Admission requirements: 15 units are required for admission to each of the colleges. Entrance conditions of not more than one unit (one-half unit only in Liberal Arts and Business Administration) are allowed in elective subjects, provided the general scholarship of the student is deemed sufficient. Condition must be removed within one year. Distribution requirements vary with the curriculum undertaken. Admission to the College of Medicine controlled by Regents of the University of the State of New York, but enrolment is limited and additional selective tests are prescribed.

Degree requirements: For A.B., in College of Liberal Arts: 120 semester hours, exclusive of Hygiene and Gymnasium. Major, 24 hours; a first minor, 12 hours; a second minor, 12 hours. Theses optional with major departments. Seven years of Foreign Language must be completed, either in preparatory school or in college, or in both. English,

Mathematics or Philosophy and Political Science I, required of all Freshmen. One year of either Chemistry or Physics, and one year of Botany, Geology, or Zoology must be completed either in preparatory school or college. For B.S. in Chemistry: At least 143 hours with a thesis optional. Mathematics, Physics, and French or German are stressed. An average grade of at least C in all subjects taken. Medicine: M.D. conferred in accordance with requirements of a Class A medical school, and of the State of New York. Fine Arts, Bachelor of Music, Bachelor of Fine Arts, and Bachelor of Architecture: Not less than 125 semester hours with a grade of C, and technical proficiency in the major subject. Law: LL.B. after three years of study. Applied Science: B.S. in Civil, Electrical, Mechanical, Administrative, and Chemical Engineering, respectively: 140 or more semester hours, with grade C, required. Teachers College: B.S. in Education: 128 semester hours. Agriculture: B.S., on completion of a four-year course. Business Administration: B.S. in Business (in Accounting, Secretarial Science, Business Education, and Journalism respectively), according to the program of studies: Not less than 124 semester hours, with a grade of C required. Home Economics: B.S. conferred after completion of a four-year program, which embodies work in Liberal Arts, including English, Chemistry, Foreign Language, Botany, Bacteriology, and Physiology. Library School: B.S. in Library Science: Three years of Liberal Arts work followed by one year of professional subjects. School of Speech: Bachelor of Oral English: A four-year course, embodying Liberal studies. Graduate School: A.M., M.S., and Ph.D. Candidates for A.M. must hold the degree of A.B. Candidates for M.S., must hold corresponding bachelor's degree. This degree may be qualified by adding "in Engineering," "in Education," "in Public Administration," "in Forestry." Other degrees are Master of Music, Master of Architecture, Master of Painting, Master of Fine Arts, Master of Forestry, Master of City Forestry. One year of residence, and a minimum of 28 semester hours, including a thesis, are required for the Master's degrees. For the doctor's degree a minimum of three years' resident work is necessary. The New York State College of Forestry confers the degree of B.S. after four years' work.

General requirements: Two years' work in the Gymnasium is required of all students except in the Colleges of Law, Medicine, Fine Arts and Applied Science. Vaccination required. The University does not obligate itself to confer any of its degrees upon the formal completion of any specific amount of work. Moral character and general reputation are considered in determining the fitness of the candidate.

Departments and Staff: College of Agriculture: *Professors*, 5; *Associate Professors*, 3; *Assistant Professors*, 1; *Instructors*, 1. College of Applied Science: 10, 5, 1, 8. College of Business Administration: 8, 5, 5, 13. College of Fine Arts: 25, 5, 1, 7. College of Home Economics: 3, 0, 1, 6. College of Law: 5, 0, 0, 11. College of Liberal Arts (including School of Citizenship): 43, 13, 23, 45. College of Medicine: See page 125. School of Speech: 3, 2, 1, 1. Teachers College, 3, 3, 1, 7.

Enrolment for year ending June 30, 1926, 8,478: Graduate School, 196; College of Liberal Arts, 1,808; College of Fine Arts, 808; College of Medicine, 173; College of Law, 150; College of Applied Science, 260; Teachers College, 141; College of Agriculture, 71; New York State College of Forestry (including Ranger School at Wanakena, N. Y., 40), 365; College of Business Administration, 1,106; College of Home Economics, 237; Library School, 68; School of Public Speech and Dramatic Art, 113; School of Nursing, 150. Summer session: 1,126. School of Extension Teaching: 2,507.

Degrees conferred year ending June 30, 1926, 826. Total number of degrees conferred since foundation, 13,795.

Fees: Tuition, a semester, from $70 (Graduate School) to $150 (Applied Science and Medicine). Matriculation, $5. General fee, $20 first semester. Diploma, $10. Laboratory, $1 to $24 a course a semester. Board and room, $350 to $485 a year.

Scholarships and fellowships: In the Graduate School 10 Teaching Fellowships ($500 a year and tuition) and 15 Graduate scholar-

ships. In School of Citizenship and Public Affairs 9 fellowships of $500 each, with tuition. In College of Medicine, 3 scholarships; loan funds. In College of Agriculture, 10 scholarships. For use in any of colleges except Law and Medicine, 185 scholarships paying $50 or $100 a year each. 5 scholarships of $140 a year each are controlled by the Syracuse Chamber of Commerce. In College of Fine Arts: 1 fellowship of $1,000 and 1 of $500; 5 Graduate scholarships (tuition). 1 scholarship in Architecture; 2 of $225 each for students of stringed instruments; 24 of $100 to $150 each.

In addition to research funds in various departments, $500,000 is available for medical research.

Appointments Office survey shows that from June, 1925, to February, 1926, 73 women (entirely) and 538 (partially) supported themselves during this period; 611 women reported earnings amounting to $113,840. During the same period 408 men (entirely) and 1,463 (partially) supported themselves, 1,871 men reported earnings amounting to $671,935.

Dates of beginning and ending sessions: September 23, 1927; June 12, 1928.

Summer session: First session: June 28 to August 6; second session: August 9 to September 11. 42 departments offered 101 courses. Attendance, 1925, 1,126.

University Extension: In 1925–26, 2,507 extension students. Evening courses.

Catalog in April.

Achievements of year ending June 30, 1926: School of Citizenship and Public Affairs organized. Campaign for removing indebtedness amounting to $1,500,000 in progress.

Administrative officers: Chancellor of the University, Charles Wesley Flint; Acting Dean, College of Liberal Arts, William L. Bray; Dean, College of Medicine, Herman Gates Weiskotten; Dean, College of Fine Arts, Harold L. Butler; Dean, College of Law, Frank R. Walker; Dean, College of Applied Science, Louis Mitchell; Dean, Teachers College, Albert S. Hurst; Dean, New York State College of Forestry, Frederick Franklin Moon; Dean, Graduate School, William L. Bray; Dean, College of Agriculture, Reuben Lovell Nye; Dean, College of Business Administration, Charles Lee Raper; Dean, College of Home Economics, Florence E. S. Knapp; Director, Library School, Elisabeth G. Thorne; Director, School of Public Speech and Dramatic Art, Hugh M. Tilroe; Director, School of Nursing, Mildred Redfield; Director, School of Extension Teaching, Floyd F. Decker; Managing Director, School of Citizenship, William E. Mosher; Registrar, J. Carlton Hurley; Director of Admission, Euguene F. Bradford.

TEMPLE UNIVERSITY

PHILADELPHIA, PENNSYLVANIA

University for men and women; privately controlled, receives State aid; undenominational.

Founded in 1884. Chartered as College, 1888. Power to confer degrees granted 1891. Name changed to Temple University, 1907. School of Theology, 1893. School of Law, 1895. School of Medicine, 1901. School of Pharmacy, 1901. Philadelphia Dental College including Garretson Hospital, became Dental School of Temple University in 1907. Greatheart Hospital, the maternity department of the Medical School, 1921.

Board of 25 Trustees, elected by the corporation, of which they must be members. College of Liberal Arts and Sciences, Teachers College, Schools of Commerce, Theology, Law, Medicine, Pharmacy, Dentistry, Chiropody, Music, Training School for Nurses, High School.

Income from tuition and State appropriation. State appropriation: $135,000. Total annual expenditures year ending June 30, 1926, $1,025,513. Budget, 1926–1927, $1,150,000.

Grounds and buildings: Total value of grounds and buildings, $1,786,692. Total value of grounds, buildings and equipment, $2,029,664. Temple University occupies four or five city squares, in several parts of the city. Athletic field of 11½ acres within the city limits. Residence hall for 125 women.

Library, 27,713 volumes; 330 current periodicals.

Laboratories scattered throughout various buildings. Equipment, Professional Schools: $41,506. College of Liberal Arts: $12,900.

Health program: Examination at beginning of Freshman year. Two gymnasiums; swimming pool (1922); athletic field (1925). Endowed ward for women students.

Admission requirements: For all undergraduate schools, 4 years high school; for School of Medicine, at least 2 years of college; for School of Dentistry, at least one year of college.

Degree requirements: A.B., 120 semester hours, in addition to Hygiene and Health Education. Concentration group, 48 semester hours. Prescribed: English Composition, Mathematics, Laboratory Science, History, Foreign Languages, entire Freshman year. Psychology, Economics, Philosophy, 3 semester hours each. Reading knowledge of Foreign Languages with certificate. One-year course in English Literature. Honors Courses.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 0, 3. Classics: 1, 0, 0. English: 3, 0, 3. French: 0, 0, 1. German: 1, 0, 0. History: 1, 0, 2. History of Art: 1, 0, 0. Hygiene: 1, 0, 0. Mathematics: 1, 1, 0. Pedagogy: 1, 0, 1. Philosophy: 1, 0, 0. Physics: 1, 0, 0. Psychology: 1, 0, 2. Romance Languages: 2, 0, 0. Social Sciences: 2, 0, 2. Evening Departments: *Professors*, 0; *Assistant Professors*, 0; *Instructors*, 7. Teachers College: *Professors*, 28; *Assistant Professors*, 2; *Assistants*, 2; *Lecturers*, 30; *Instructors*, 69. School of Commerce: *Professors*, 12; *Lecturers*, 14; *Special Lecturers*, 47; *Instructors*, 55. School of Law: *Professors*, 18. School of Theology: *Professors*, 12; *Instructors*, 1. School of Medicine: See page 129. School of Pharmacy: *Professors*, 9; *Associate Professors*, 2; *Lecturers*, 4; *Special Lecturers*, 3; *Instructors*, 13. School of Dentistry: *Professors*, 14; *Associate Professors*, 3; *Lecturers*, 3; *Demonstrators*, 39. School of Chiropody: *Professors*, 12; *Associates*, 1; *Lecturers*, 2; *Instructors*, 5. School of Music: *Instructors*, 29. School for Nurses: *Professors*, 1; *Lecturers*, 19; *Instructors* 24.

Enrolment for year ending June 30, 1926, 9,325: College of Arts and Sciences, 699; Teachers College, 2,681; Elementary School, 126; School of Commerce, 2,834; School of Theology, 66; School of Law, 438; School of Medicine, 225; School of Pharmacy, 312; School of Dentistry, 486; School of Chiropody, 20; School of Music, 657; University High School, 622; Training School for Nurses, 69. Total number of matriculates since foundation, 144,763.

Degrees conferred year ending June 30, 1926, 536. Total number of degrees conferred since foundation, 6,449: A.M., 4; M.S., 1; M.S. in Ed., 52; A.B., 244; B.S., 138; B.S. in Ed., 435; B.S. in Chemistry, 14; B.S. in C.E., 10; B.S. in Economics, 1; B.S.C., 85; S.T.D., 40; B.D., 114; LL.B., 509; M.D., 500; D.D.S., 3,068; Phar.D., 20; Ph.G., 1,031; Ph.C., 15; B.S. in Music, 3.

Fees: Annual tuition, $215; matriculation fee, $5; graduation fee, $10; laboratory fee, $10 to $20; room and board, $350 to $400. Annual expenses, including living expenses: Liberal, $1,000; low, $700.

Scholarships and fellowships: Endowed scholarships (tuition fee only); 150 State scholarships at disposition of State senators. City scholarships on a competitive basis.

Forty-one per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 19, 1927; June 15, 1928.

Summer session: July 1 to August. College, Teachers College, Schools of Commerce and Music. Attendance, 1925, 798.

University Extension: Evening classes in all undergraduate departments.

Publications: Catalog in May, President's Report in October.

Administrative officers: President, Charles E. Beury; Dean, College of Liberal Arts and Sciences, James H. Dunham; Dean, Teachers College, George E. Walk; Dean, School of Commerce, Milton F. Stauffer; Dean, School of Theology, Walber B. Shumway; Dean, School of Law, Francis Chapman; Dean, School of Medicine, Frank C. Hammond; Dean, School of Pharmacy, John R. Minehart; Dean, School of Dentistry, I. Norman Broomell; Dean, School of Chiropody, Frank A. Thompson; Dean, School of Music, Thaddeus Rich; Registrar, Ephraim H. Homan.

TENNESSEE, UNIVERSITY OF

See: University of Tennessee.

TEXAS, AGRICULTURAL AND MECHANICAL COLLEGE OF

See: Agricultural and Mechanical College of Texas.

TEXAS CHRISTIAN UNIVERSITY

FORT WORTH, TEXAS

Coeducational; controlled by self-perpetuating Board of Trustees, and affiliated with the Church of Disciples of Christ.

Founded by Addison and Randolph Clark, at Thorp Springs, Texas, in 1873; chartered by Commonwealth of Texas. Moved to Waco in 1895. In 1902 name changed from Add-Rann Christian College to Texas Christian University. In 1910 moved to Fort Worth, Texas.

Endowment (including Burnett Trust Fund of $4,000,000): $4,400,000. Income from endowment, $140,341. Income from other resources, $198,350.

Grounds (75 acres) and 7 buildings valued at $1,500,000.

Mary Couts Burnett Memorial Library (cost $150,000): 40,000 volumes, including 12,000 government documents.

Laboratories: Equipment, $75,000.

Health program: Gymnasium ($200,000); Stadium ($75,000); Basket-ball Court ($15,000). Medical examinations required. College Physician; nurse. Physical training required for two years.

Admission requirements: 15 units, including English, 3; History, 2; Mathematics, 3; Foreign Language, 2; Laboratory Science, 1.

Degree requirements: 120 semester hours; average grade of C. For A.B., B.S., B.Ed., B.B.A.: A major of 24 semester hours (except for B.B.A., 30); a first minor of 12 hours. Also required to have Bible 9 hours; English 12 (except for B.S., 6, and for B.B.A., 9); Foreign Language 6; Mathematics 3 (except for B.S., 6 to 12) (for B.Ed., 6 hours); Psychology 6 (except for B.S., 3 hours); Science 6 hours (except for B.S., 6 each in Biology, Chemistry, Geology, Physics); 6 hours of social science. Bachelor of Music: 24 semester hours in Voice, Violin, Piano. Public School Music: 36 semester hours of academic work; 120 semester hours total; C average.

General requirements: Chapel attendance required 3 hours a week. Out of town students under age must live in residence halls.

Departments and Staff: Business Administration: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 2; Chemistry and Physics: 1, 0, 1, 1. Bible: 5, 0, 0, 0. Biology and Geology: 2, 0, 0, 4. Economics and Sociology: 1, 0, 4, 0. English: 2, 1, 1, 4. Government: 1, 0, 1, 1. Greek: 1, 0, 0, 0. History: 1, 1, 1, 1. Home Economics: 0, 0, 0, 1. Latin: 0, 0, 1, 0. Mathematics: 1, 1, 0, 1. Modern Languages: 1, 2, 0, 2. Philosophy and Psychology: 1, 0, 0, 1. Physical Training: 1, 0, 0, 4. Public Speaking: 1, 0, 0, 1. Brite College of the Bible: 6, 0, 0, 0. Religious Education: 3, 0, 0, 0. School of Education: 2, 0, 1, 1. Fine Arts: 2, 0, 2, 3.

Enrolment, 1926: 1,157: Men, 513; women, 644. College of Arts and Sciences, 1,071. Fine Arts, 76. School of Education, 400. Brite College of the Bible, 92. Graduate School, 33.

Degrees conferred June, 1926: 96.

Annual tuition fee, $160. Graduation fee, $10 for A.B. and $15 for M.A. Laboratory fees, $16 to $20 a session.

Scholarships for all affiliated high schools amount to $16,000 annually. Four college scholarships.

Employment bureau: 33⅓ per cent of students earn part or all their way through college.

Dates of beginning and ending sessions: September 16, 1927; June 12, 1928.

Summer session: June 13 to August 10, 1928. 9 departments offered 26 courses to 303 students in 1925.

Publications: Catalog in April. "Texas Christian University Quarterly."

Administrative officers: President, Edward McShane Waits; Dean, Colby D. Hall; Registrar, E. R. Tucker.

THIEL COLLEGE

GREENVILLE, PENNSYLVANIA

College controlled by the Pittsburgh Synod of the United Lutheran Church in America.

Chartered 1870 as Thiel College, which took the place of Thiel Hall at Phillippsburg, Beaver County, Pennsylvania. An offer from citizens of Greenville led to removal to that city, where the college was opened September 1, 1870.

Board of trustees elected by Pittsburgh Synod of the United Lutheran Church.

Endowment: $115,042.94. Annual grant of Pittsburgh Synod: $14,000. Grant from United Lutheran Church: $1,800. Expenditures year ending June 30, 1926: $92,991.21. Budget, 1926–27: $86,686.

Campus of 34 acres and buildings valued at $400,690.

Library: 12,000 volumes; 65 current periodicals.

Laboratories in Greenville Hall valued at $34,500. Equipment in Chemistry, Biology, and Physics: $8,500.

Health program: Physical examination required of all freshmen. Physical education required of freshmen and sophomores. Gymnasium (1921): $110,000.

Admission requirements: 15 units. For A.B.: English 3, Mathematics 2, Foreign Language 4, Social Science 1, Science 1. For B.S.: Foreign Language 2, Science 2, and Mathematics 3. Two conditions allowed; must be removed in freshman year.

Degree requirements: 128 semester hours of which 4 are in Physical Education; C average; major includes 24 hours and no D grades. Required work: Science, 8 hours; English, 12; Social Science, 4; Religion, 12; Language, 12; and Mathematics, 6; or one additional year of an Ancient Language; Psychology, 6. Thesis required.

General requirements: Daily and Sunday chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Chemistry: 1, 0, 1. Economics: 1, 0, 0. English: 1, 0, 2. Greek: 1, 0, 0. History: 1, 0, 0. Latin: 1, 0, 0. Modern Languages: 1, 0, 1. Physics: 1, 0, 0. Physical Education: 1, 0, 1. Psychology and Education: 1, 1, 0. Public Speaking: 0, 0, 1.

Enrolment for year ending June 30, 1926: College of Liberal Arts, 259; School of Music, 100; Summer session, 165. Total number of matriculates since foundation: 2,551.

Degrees conferred year ending June 30, 1926: 40. Total number of degrees conferred since foundation: 585.

Fees: Tuition, $25 a semester. Contingent fee, $62.50 a semester. Room, $36 to $45 a semester. Student activity fee, $9. Board, $90. Total: $212 to $219 a semester.

Scholarships: 12 ($50 each).

Dates of beginning and ending sessions: September 23, 1927; June 13, 1928.

Summer session: June 18 to July 28, 1928. Attendance, 1925: 162.

University Extension. Extension classes for adults conducted in Greenville, Sharon, and Franklin, Pennsylvania.

Catalog in April.

Administrative officers: President, E. Clyde Xander; Dean, Luther Malmberg; Dean of Women, Grace Hunton; Dean of Men, John A. M. Stewart.

TRANSYLVANIA COLLEGE

LEXINGTON, KENTUCKY

College for men and women. Principally supported and directed by Disciples of Christ. It offers majors in the departments of Literature, Natural Science and Mathematics, Social Science, Philosophy and Psychology, the Christian Ministry, Education, Medicine and Health, Business Administration and Law, Journalism.

Founded in 1780, Transylvania College is the oldest institution of higher learning west of Alleghany Mountains.

Endowment: $1,163,977.13. Income from endowment: $68,231.72. Churches and individuals: $42,000. Total annual expenditures year ending June 30, 1926: $137,256. Budget, 1926–1927: $137,256. Campaign for endowment: $240,000; for debts: $175,000.

Grounds and buildings: Residence halls for men (129); for women (75). Value of grounds: $220,000; buildings: $578,000. Grounds, buildings, and equipment: $1,478,000.

Library (1893): 30,000 volumes.

Laboratories: Carnegie Hall (1910) valued at $150,000. Equipment: Chemistry, $20,000; Physics, $4,000; Biology, $17,000.

Gymnasium and athletic field.

Admission requirements: 15 units, including English, 3; Algebra, 1; Plane Geometry, 1. No conditions allowed.

Degree requirements: For B.A.: 124 credits and 120 quality points. 64 semester hours prescribed in Freshmen and Sophomore years, with certain opportunities for election. 24 to 30 consecutive semester hours in field of major required. 18 consecutive hours in a related field required.

Chapel attendance required.

Departments and Staff: Bible and Religious Education: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry and Physics: 1, 0, 1, 0. Education: 1, 0, 0, 0. Economics: 0, 0, 1, 0. English: 1, 0, 0, 1. Expression: 0, 0, 0, 1. Home Economics: 0, 0, 0, 1. Ancient Language: 1, 0, 0, 0. Modern Language: 1, 0, 1, 1. History: 1, 0, 0, 0. Mathematics: 1, 0, 0, 0. Philosophy: 1, 0, 0, 0. Sociology: 1, 0, 0, 0. Physical Training: 1, 0, 0, 3.

Enrolment, Transylvania College and the College of the Bible: Enrolment for year ending June 30, 1926: Men, 136; women, 208. Total number of students, including graduate, special and summer: 397.

Degrees conferred year ending June 30, 1926: 57: A.B., 46; P.T.H.B., 1; M.A. in Education, 4; M.A. in Religion, 3; B.D., 3; Total number of degrees conferred since foundation: 4,000.

Fees: Annual fee, $102.25. Laboratory fees, $4 to $6 a semester. Room in dormitories, $40 to $75 a semester. Board in College Cafeteria, $4 to $10 a week. Expenses, $400 to $800 a session.

140 scholarships ($40 to $102.25).

Dates of beginning and ending sessions: September 12, 1927; June 6, 1928.

Publications: "Transylvania Bulletin," includes catalog in March.

Administrative officers: President, Andrew Davidson Harmon; Dean, William Clayton Bower; Registrar, Charles A. Maney.

TRINITY COLLEGE

HARTFORD, CONNECTICUT

Name for bequests: The Trustees of Trinity College.

College for men, privately controlled. Its foundation and history have established a connection with the Episcopal Church though there never has been any denomination restriction by Charter or Statute.

Chartered by General Assembly of State of Connecticut on May 22, 1823 as Washington College. In 1845 name changed to Trinity College.

Board of 24 Trustees. Three are elected by the Alumni, one each year for a term of 3 years. Other members are elected for life by the Board.

Total endowment, market value, July 1, 1926: $3,136,064.51. Income, 1925–26, $215,197.78; from students, $56,555.38; from endowment, etc., $158,642.40. Expenses, 1925–26, $215,197.78. Alumni Fund Principal, $54,836.27. Centennial Fund Principal, $945,456.84.

Grounds and buildings: Grounds (90 acres), valued at $162,000. Residence Halls (150 men). Buildings, valued at $1,245,133.05. Total book value of grounds, buildings, and equipment as carried on the books, $1,432,031.58.

Library (1914), 100,000 volumes, approximately 20,000 of which are government documents; about 200 current periodicals. Cady collection of architectural drawings; collection of material on early history of Episcopal Church in America.

Jarvis Laboratory Building (1888): Physics and Chemistry, $59,729.62. Boardman Hall (1900): Biology, $75,750.

Museum in Boardman Hall: Biology and Geology. Caswell collection of crystals.

Observatory (1883).

Medical examination of all new students. Careful records are kept and individuals are followed up for the College physician. Gymnasium (1887). Athletic fields. Endowed beds in Hartford Hospital for college students.

Requirements for admission: Candidates for admission must be at least fifteen years

of age, and must bring testimonials of good moral character. Psychological examination offered by the College Entrance Examination Board required. Certificate of vaccination required. To be admitted unconditionally a candidate must be credited with 15 units, unless he presents both three years of Greek and four years of Latin, in which case 14 units will be sufficient. Inability to write good English will be sufficient ground for the rejection of a candidate. Entrance deficiencies may be made up only by taking courses in College, except that credit for English, the one required unit in History, Mathematics A (Elementary Algebra) and C (Plane Geometry), Latin, and Greek, of the Requirements for Admission may be obtained by examination after admission to College. Students who complete in 4 years the 20 units necessary for graduation, including courses specificially required, with the grade required for graduation, will be recommended to the Trustees for their respective degrees without regard to deficiencies at admission.

Degree requirements: To be recommended for a degree a candidate must complete 20 courses in college, each course the equivalent of 6 semester hours. In these 20 courses the number of the grades below 70 shall not exceed the number of grades of 80 or better by more than 6. Certain courses are required for each degree. In addition to these requirements there are group requirements involving concentration in some one subject and distribution among others.

General requirements: Physical education required during first three years. Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 2, 1. Civil Engineering: 1, 0, 1. Economics: 1, 0, 0. English: 2, 2, 0. Geology: 1, 0, 0. German: 1, 0, 1. Greek: 1, 0, 0. History: 1, 1, 0. Latin: 1, 0, 0. Mathematics: 1, 0, 1. Philosophy: 1, 1, 0. Physical Training: 1, 1, 2. Physics: 1, 1, 0. Romance Languages: 1, 1, 0.

Enrolment for year ending June 30, 1926, 284: Undergraduates, 263; Graduate students, 11; Non-Matriculated students, 10.

Degrees conferred in June, 1926, 55. Total number of degrees conferred since foundation, 2,495.

College charges for year covering tuition and all fees, $300. Rental of rooms in dormitories, $50 to $200 a year; board, $7.50 to $9.50 a week.

Approximately sixty scholarships varying from $50 to $600. Two Graduate fellowships awarded to Trinity graduates for work elsewhere.

College begins Friday after College Entrance Board Examination in September. Commencement third Monday in June.

Extension classes conducted in the City of Hartford.

Publications: Annual catalog in January; President's, Treasurer's and Librarian's Report in October.

Administrative officers: President, Remsen B. Ogilby; Dean, Edward L. Troxell; Registrar, Arthur Adams.

TRINITY COLLEGE

WASHINGTON, DISTRICT OF COLUMBIA

Catholic College for women, privately controlled, in charge of the Sisters of Notre Dame of Namur.

Founded in 1897 by the Sisters of Notre Dame of Namur. College opened 1900.

Board of 7 trustees including Archbishop of Baltimore and 6 Sisters of Notre Dame of Namur.

Endowment: $1,500,000. Income from endowment, $91,300. Other funds, $200,000. Income from other funds, $11,700. Alumnæ Building and Endowment Fund: $100,000. Income from tuition, $235,000.

Campus of 50 acres worth $180,000. Four residence halls (300). Cost of 4 buildings on campus, $1,500,000. Total value of grounds, buildings and equipment, $2,200,669.

Library (1904), 33,000 volumes; 72 current periodicals.

Laboratories: Chemistry, Physics, Biology, Physiology, and Experimental Psychology.

Museum: O'Connor Art Collection (1903); Holahan Art Collection (1907).

Health program: Certificate of health required of students at entrance. Prescribed

corrective physical training in Freshman and Sophomore years. Infirmary.

Admission requirements: For A.B.: 16 units, including English 3, Latin 4, Modern Language 3, Mathematics 3, History 1. For B.S.: Only 2 units of Latin required; one additional unit of Science. Two conditions permitted; must be removed before end of Freshman year. Entrance examinations required. No special students are received.

Degree requirements: Every candidate for the A.B. or B.S. must complete 132 semester hours. At beginning of Sophomore year two subjects are chosen as majors. Seventy-five per cent is passing mark in major subjects; 65 per cent in other subjects. Not more than 6 semester hours below 75 per cent in any one semester may count toward degree. For M.A. or M.S.: Twelve class hours for at least one year. Courses leading to this degree consist of a major (8 hours) and a closely related minor (4 hours) in another department. Thesis required.

General requirements: Physical Education prescribed for all Freshmen and Sophomores. Chapel attendance is that required by Catholic Church.

Departments and Staff: Art: *Heads of Departments*, 1; *Assistants*, 3. Biology: 1, 2. Chemistry: 1, 0. Economics: 1, 0. Education: 1, 3. Elocution: 1, 0. English: 1, 4. French: 1, 1. German: 1, 1. Greek: 1, 1. History: 1, 3. Italian: 1, 1. Latin: 1, 4. Mathematics: 1, 1. Music: 1, 1. Philosophy: 1, 1. Physics: 1, 0. Physical Culture: 1, 0. Political Science: 1, 1. Psychology: 1, 3. Religion: 1, 1. Scripture: 1, 0. Sociology: 1, 1. Spanish: 1, 1.

Enrolment for year ending June 30, 1926, 360.

Degrees conferred year ending June 30, 1926, 104: 1 Ph.D.; 8 M.A.; 2 Master of Letters (honorary); 93 Bachelor of Arts and Science. Total number of degrees conferred since foundation, 1,199; Bachelor, 1,110; Master, 80; Doctor, 9.

Fees: Matriculation fee, $10. Tuition, $200 a year. Board, $375 a year. Room, $125 to $350 a year. Laboratory fee, $15. Library fee, $5 a semester. Lecture fee, $5. Gymnasium fee, $5 a semester. Use of natatorium, $5 a semester. Lessons in swimming, $10 a semester. Annual expenses: Liberal, $1,500; low, $1,000.

Scholarships: Competitive entrance scholarships and some others.

Dates of beginning and ending sessions: Monday nearest to September 20; degrees are conferred in first week of June.

Catalog published in summer.

Achievements of year ending June 30, 1926: Alumnæ Campaign, $100,000.

Administrative officers: President, Sister Raphael; Dean, Sister Wilfrid; Registrar, Sister Odilia.

TRINITY UNIVERSITY

WAXAHACHIE, TEXAS

Presbyterian college for men and women. Privately controlled.

In 1866 Cumberland Presbyterian Church started movement which resulted in establishment of Trinity University at Tehuacana; moved to Waxahachie in 1902.

Board of 15 Trustees elected by the Synod of Texas of Cumberland Presbyterian Church.

Total annual expenditures year ending June 30, 1926, $107,000. Churches contribute $10,000 a year.

Total value of grounds, buildings and equipment, $750,000.

Library, 12,000 volumes, including 3,000 government documents; 60 current periodicals.

Laboratories: Value of equipment in principal departments: Biology, $10,000; Chemistry, $8,000; Physics, $6,000.

Health program: Athletic field. Infirmary. Examination required.

Admission requirements: 15 units, including English 3, History (or History and Civics) 2, Mathematics (Algebra and Plane Geometry) 3.

Degree requirements: 120 semester hours including a major, a minor, and certain prescribed courses.

Departments and Staff: Biology: *Professor*, 1; *Associate Professor*, 0; *Assistant Professor*, 1; *Instructor*, 0. Bible and Religious Education: 2, 0, 1, 0. Chemistry and Phys-

cs: 1, 1, 0, 0. Education: 1, 1, 1, 0. English: 1, 1, 2, 1. History: 1, 0, 1, 0. Mathematics: 1, 0, 1, 0. Modern Languages: 1, 1, 2, 0. Social Science: 1, 0, 1, 0. Music: 1 *Dean*, 3 *Teachers*.

Enrolment for year ending June 30, 1926, 602.

Degrees conferred year ending June 30, 1926: A.B., 60.

Fees: Tuition, $65 a semester. Matriculation, $5. Graduation, $10. Laboratory, $15 a year. Lodging and board, $275 for 9 months.

Scholarships: About 100 of $60 each.

Fifteen per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 21; May 31.

Summer session: June 1 to July 29. Attendance, 1925, 564.

Catalog in May.

Administrative officers: President, John H. Burma; Dean, Edward P. Childs; Registrar, H. L. Williamson; Dean of Women, Maude E. Davis; Dean, Department of Fine Arts, Clark Learning.

TUFTS COLLEGE

Mail Address: Tufts College, Massachusetts
(Legal, express and telegraphic Address: Medford, Massachusetts)

Name for bequest: The Trustees of Tufts College.

University comprising School of Liberal Arts, Jackson College for Women, Engineering School, Bromfield-Pearson School, School of Religion, Graduate School, Pre-Medical School, Pre-Dental School, Medical School, and Dental School.

Control of the College is vested by the charter in a Board of 30 Trustees, 10 of whom are elected by the Alumni. The College owed its beginning to the efforts and support of members of Universalist denomination, but is non-sectarian.

Charter granted April 21, 1852. Students first formally admitted in 1855.

Endowment: $6,631,775.15. Income from endowment, $172,544.68. Income from tuition, $476,154.63. Total annual expenditures year ending June 30, 1926, $901,780.60. Funds and gifts increased in 1925–26, $3,039,694.81.

Grounds and buildings: In Somerville and Medford, adjoining Boston a campus of about 80 acres, and 25 buildings and equipment have an estimated value of $1,533,283.70. In 1893 Tufts College Medical School established, and in 1899 Boston Dental College taken over by legislative sanction. These schools are located in the Medical-Dental Buildings, 416 Huntington Avenue, Boston, Massachusetts. The land and buildings represent an investment of $388,787.06. Four dormitories for men (250); 7 dormitories for women (176).

Eaton Memorial Library: 90,000 volumes; 79,000 pamphlets; 200 current periodicals. Special collections: Universalist Historical Society, 6,000 volumes; several thousand pamphlets. In Packard Hall theological reference library. In Barnum Museum library of Natural History. Musical Library.

Laboratories: Chemical Building (1922), value, $274,298.54; equipment, $18,782.88. Robinson Hall (1900), value $43,975.56; Physics, Civil and Mechanical Engineering. Mechanical Laboratory (1917), valuation $12,000. Medical Dental Laboratory (1918–19), $176,787.06.

Barnum Museum of Natural History (1883–84).

Laboratories: Zoology, Botany and Geology are in the Museum building.

Health program: A physical examination is required for all entering students who must pursue courses in physical education for two years. Athletic fields. Gymnasium. Infirmary and also, through endowment, privileges at an adjacent hospital.

Admission requirements: 15 units, including English 3, Foreign Language 2, History 1, Algebra 1, Plane Geometry 1. For A.B.: Either 4 units in Latin or 3 in Greek must be presented. Conditions up to 1 unit allowed in exceptional cases. All conditions must be removed before registering for second year.

Degree requirements: 123 semester hours required for degree of A.B., or B.S. in School of Liberal Arts and Jackson College, or in

Chemistry; 140 semester hours in Engineering School. At least 72 semester hours of C or better required in School of Liberal Arts and Jackson College. In Engineering School 70 semester hours of C or higher must be obtained. In Engineering School and in the B.S. course in Chemistry the courses are largely prescribed. The B.S. and A.B. degrees in the School of Liberal Arts and Jackson College require 24 hours of Language, 24 hours of Natural Science, 24 hours of Social Science, and, in addition, 18 semester hours in the major subject. The 72 semester hours mentioned above may be considered as prescribed although they allow options inside each group. The only courses absolutely prescribed for all students are Mathematics 1 and English 1 and 2. A thesis requirement is made in certain departments. The requirements for the A.B. degree differs from those for the B.S. degree in the School of Liberal Arts and Jackson College only in the inclusion of Ancient Language as part of the Foreign Language requirement for the degree.

General requirements: Physical training required during first two years of college course, and also a course of lectures in Personal Hygiene during the first semester. Chapel attendance required.

Departments and Staff: Anatomy: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 2; *Instructors*, 0. Applied Christianity: 1, 0, 0, 0. Biological Chemistry: 1, 0, 0, 4. Biology: 1, 0, 1, 4. Botany: 1, 0, 0, 0. Chemistry: 5, 0, 3, 9. Church History: 1, 0, 0, 0. Civil Engineering: 1, 2, 4, 0. Comparative Odontology: 1, 0, 0, 0. Dermatology and Syphilis: 1, 0, 1, 1. Dental Anatomy: 1, 0, 1, 0. Dental History: 0, 0, 1, 0. Dental Jurisprudence: 1, 0, 0, 0. Economics and Sociology: 3, 0, 2, 0. Education: 0, 0, 1, 0. Electrical Engineering: 0, 0, 3, 2. English: 4, 0, 2, 3. Germanic Language: 1, 0, 0, 2. Graphics: 1, 1, 1, 0. Greek: 1, 0, 0, 0. Geology and Mineralogy: 1, 0, 0, 0. Gynecology and Obstetrics: 6, 0, 0, 14. History and Government: 2, 0, 2, 2. Homiletics: 1, 0, 0, 0. Laryngology and Rhinology: 1, 0, 0, 3. Latin: 1, 0, 0, 0. Mathematics: 3, 0, 1, 1. Mechanical Engineering: 1, 0, 1, 3. Medicine: 4, 0, 6, 7. Mental Diseases: 2, 0, 0, 0. Music: 1, 0, 0, 0. Neurology and Neuropathology: 1, 0, 1, 1. Office Technique: 0, 0, 0, 1. Operative Dentistry: 3, 0, 3, 4. Opthalmology: 1, 0, 1, 4. Oral Prophylaxis: 0, 0, 1, 0. Oral Surgery Anesthesia: 2, 0, 1, 0. Oratory: 1, 0, 0, 0. Orthodontia: 1, 0, 1, 4. Otology: 1, 0, 0, 5. Pathology and Bacteriology: 1, 0, 2, 4. Pediatrics: 3, 0, 1, 10. Pedontia: 0, 0, 0, 3. Peridontia: 0, 0, 0, 2. Pharmacology: 1, 0, 0, 2. Philosophy and Psychology: 2, 0, 0, 1. Physical Education: 1, 0, 1, 5. Physics: 2, 0, 2, 2. Physiology: 1, 0, 0, 1. Prosthetic Dentistry: 2, 0, 2, 3. Public Health: 1, 0, 0, 0. Pulmonary Diseases: 0, 0, 1, 1. Roentgenology: 1, 0, 1, 3. Romance Languages: 1, 1, 2, 1. Steam Engineering: 1, 0, 0, 0. Surgery: 5, 0, 2, 17. Theology: 1, 0, 0, 0. Zoology: 1, 0, 0, 0.

Enrolment for the year ending June 30, 1926: School of Liberal Arts, 357; Jackson College for Women, 242; Engineering School 277; School of Religion, 30. Beginning in September, 1927, the number of students in the School of Liberal Arts, Jackson College for Women, and the Engineering School was limited to 900, of which 250 are in Jackson College for Women.

Degrees conferred year ending June 30, 1926, in the School of Liberal Arts, Jackson College for Women, Engineering School, and the School of Religion, 161.

Tuition fees: Liberal Arts and Jackson College for Women, $200. Engineering, $250. Dental, $250. Medical, $300, plus $5. Matriculation and $10 diploma fee in each case. Additional fees: General Maintenance, $10. Student Activities, $20 (men), $15 (women). Board, $8 a week. Average room rent: Men, $96; women, $85.

Scholarships and fellowships: About 112 in number; $100 the usual award. 8 Braker Fellowships, $1,000 and tuition expenses; 4 Olmstead Fellowships at $125.

Employment bureau.

Dates of beginning and ending sessions: September 22, 1927; June 18, 1928.

Summer session for dental students.

Catalog in autumn.

Administrative officers: President, John Albert Cousens; Dean, School of Liberal Arts, Frank George Wren; Dean, Jackson College for Women, Edith Linwood Bush;

Acting Dean, Engineering School, Edwin Butler Rollins; Dean, School of Religion, Lee Sullivan McCollester; Dean, Graduate School, Herbert Vincent Neal; Dean, Medical School, Stephen Rushmore; Dean, Dental School, William Rice; Registrar, Nellie Alvira Wright.

THE TULANE UNIVERSITY OF LOUISIANA

STATION 20, NEW ORLEANS, LOUISIANA

Privately controlled non-sectarian university for men and women.

The Tulane University of Louisiana was organized as the Medical College of Louisiana in 1834. In 1845 the State Constitution established the University of Louisiana with the departments of Law, Medicine and Natural Sciences and Letters. In 1882 Mr. Paul Tulane, of Princeton, New Jersey, formerly a resident of New Orleans, donated his property in New Orleans for educational purposes to a Board of Administrators who organized themselves as the Tulane Educational Fund devoted to the higher education of "the white young persons in the city of New Orleans." This donation, with subsequent gifts, amounted to $1,050,000. In 1884, by an act of the Legislature of Louisiana of that year, the existing University of Louisiana was transferred to this Board and the name was changed to The Tulane University of Louisiana. In 1886, Mrs. Josephine Louise Newcomb donated $100,000 to establish the H. Sophie Newcomb Memorial College as the women's department in the University. She added largely to her original endowment, and by her will bequeathed about $2,700,000 additional.

Self-perpetuating Board of 17 Administrators. The University includes: The College of Arts and Sciences, the College of Engineering, the H. Sophie Newcomb Memorial College for Young Women, the Graduate School, the College of Law, the College of Medicine (including the Schools of Medicine, Dentistry and Pharmacy and the Graduate School of Medicine), the College of Commerce and Business Administration, the Courses for Teachers (Extension), and the Summer Schools. The College of Engineering includes courses in Mechanical and Electrical Engineering, Civil Engineering, Chemical Engineering, and in Architecture. Newcomb College includes, in addition to the usual college courses, the Schools of Art and Music.

Financial resources as of September 30, 1925: Endowment, $6,958,064.33. Income from endowment, $448,223.88. Income from other sources: Student fees, $322,916.32. Gifts, $50,625. Miscellaneous, $37,825.33. Total, $411,366.65. Total annual expenditures for year ending September 30, 1925, $788,185.55. Total gifts received during fiscal year ending September 30, 1925, $355,734.36. Citizens of New Orleans and alumni during a period of five days in December, 1925, pledged $300,000 for stadium.

Grounds and buildings: Third and fourth year medical students, as well as students of dentistry and of graduate medicine, are taught in the Hutchinson Memorial Building in Canal Street, in close proximity to the Charity Hospital, the facilities of which are freely used in their instruction. The College of Commerce and Business Administration holds its day and night courses in Gibson Hall. The other departments of the University, consisting of the Colleges of Arts and Sciences and Engineering, the H. Sophie Newcomb College for Women, the Graduate School, the College of Law, the first and second years of the School of Medicine and the classes of the School of Pharmacy are conducted in buildings located on the 100-acre campus on St. Charles Avenue, opposite Audubon Park. Dormitories for men are located on the Tulane Campus and consist of two buildings containing five halls. The Academic Dormitories, which accommodate 48 students, are for students in the Colleges of Arts and Sciences, Engineering and Law. The Richardson Memorial Dormitory consists of North and South Halls, and is for 52 students of the Schools of Medicine and Pharmacy. The dormitory for students of Newcomb College for Women accommodates 200 students. The Club Dormitory houses 25 students who are willing to help reduce the cost of their college education by cooperative effort. The cost of the campus and buildings, $4,039,000.

Library: F. W. Tilton Memorial Library (1902) and annex (1906), 60,000 volumes, including 10,000 bound government documents. Newcomb College Library, 25,000 volumes. Dr. John C. MacKowen collection of 160 rare books illustrating the development of bookmaking. Art books and periodicals. Books on musical æsthetics, theory, history, and biography, as well as a collection of musical compositions. Library of School of Medicine, 12,500 books; 4,700 pamphlets; 175 current journals. Additional library facilities in each of the laboratory divisions; the Orleans Parish Medical Society, located in Hutchinson Memorial Building, allows students of School of Medicine all privileges. Feingold Ophthalmologic collection, 2,000 volumes. Dental library in Library of the School of Medicine. Library of the College of Law, 8,900 volumes. Middle American Research Library, 15,000 volumes and pamphlets.

Laboratories: Physics Building (1894), cost $36,000. Richardson Chemistry Building (1894; enlarged in 1908), cost $90,094.64. Science Building (1923), cost $200,000. Richardson Memorial Medical Building (1908), cost $158,962.60. Josephine Hutchinson Memorial Building (1893), cost $266,-174.69. Separate buildings also for Botany, Zoology, Physiological Chemistry. In addition there are Laboratories of Experimental Psychology, Electrical, Civil, Mechanical, and Chemical Engineering, Anatomy, Pathology, Bacteriology and Physiology.

Museums: The University Museum in Gibson Hall contains a Petrological section, a Paleontological section, a Zoological section, and an Anthropological section. The Zoological Section based mainly on the Gustav Kohn Collection, presents a synoptical view of the Zoology of the United States and particularly of the State of Louisiana. Anthropological Section consists of a collection of Egyptian and aboriginal American antiquities, with special reference to Ethnology of the Louisiana Indians, their characteristics and their relation to the ancient civilizations of the Latin-American Republics. The Art Museums: Linton-Surget Hall: The Art Museum in the Tilton Memorial Library embraces the Linton-Surget collection of works of art and a library of 2,000 volumes, donated to the City of New Orleans, by Mrs. Eustace Surget, of Bordeaux, France, and by ordinance No. 3735, C.S. adopted May 14, 1889, placed under perpetual charge of the Administrators of the University; valuable historical portraits and statuary donated by Mrs. C. B. Surget, of Bordeaux, France; statues and other objects of art donated by Mrs. F. W. Tilton; the loan collection of Mrs. J. L. Harris and Mrs. Samuel H. Kennedy, of New Orleans; and various bronzes, marbles, paintings, engravings. The Newcomb School of Art has galleries in which are exhibited paintings representative of American Art, and art objects especially chosen with reference to instructional interests. The Department of Middle American Research: The Department of Middle American Research was founded in March, 1924, for research into the history, archæology, botany, the natural resources and products of Mexico, the Central American Republics, and the West Indies. Its aim is to gather and disseminate data on these countries, and to further friendly relations between the United States and its neighbors to the south. The William E. Gates collection of Mexican manuscripts, books, pamphlets, and maps, contains many rare and early books on the discovery of America, a series of unstudied manuscripts and several hundred photographic reproductions of rare material. The library of the late George H. Pepper of New York, which contains material on the Indians of the United States, especially those of the Southwest, is of value in the study of the connection between the Central American aborigines and those of the United States. The Pepper collection of southwestern Indian textiles and weaving implements, pottery and handicraft, as well as scientific manuscripts are in possession of the department. The collections comprise over 15,000 books, pamphlets and other documents. Several collections of Middle American antiquities, as well as specimens of North American Indian art, have been placed on exhibition. Souchon Museum: The Museum of Anatomy, in the Richardson Memorial Building, contains a large collection

of anatomical specimens, made by the late Professor Edmond Souchon.

Health program: Gymnasium for men (1912). Gymnasium and Community Building of Newcomb College (1923). Athletic fields; stadium (1926). University physician. Infirmary with resident nurse in Newcomb College.

Admission requirements: 15 units. English and Mathematics are required in all departments and with the exception of the Schools of Dentistry and Pharmacy, at least 2 units in a Foreign Language are required.

Degree requirements: In Classical and Literary Course of College of Arts and Sciences 126 semester hours required. In Scientific Course 140 semester hours required. In Newcomb College the candidate is required to complete a minimum of 120 hours, that is, 20 courses of not less than 6 hours each, or their equivalent, in which a grade of not less than 80 per cent must be maintained in five term subjects of the year. In the Graduate School a thesis is required of all candidates for the Master's degree. The subject of the thesis must be in the field of the major study, and must be approved by the Professor under whom the major is taken and the Dean. The preparation of the thesis requires ordinarily at least half of one entire session. The thesis must be written in acceptable English, and must give evidence of some ability to carry on independent investigation, to grasp fundamental problems, and to reach logical conclusions.

General requirements: Attendance in gymnasium 2 half-hours each week required of all men during first year in the college. At opening of term a physical examination required. In Newcomb College for Women Physical Education and Hygiene required of every student during each year of the college course. In Newcomb College for Women students from out of town are required to reside in the dormitories of the college, or in a limited number of cases in boarding-houses approved by the college.

Departments and Staff: Architecture: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Art: 0, 0, 1, 2. Biology: 1, 0, 0, 2. Botany: 1, 0, 0, 1. Chemistry: 2, 2, 1, 4. Classical Languages: 2, 1, 2, 1. Commerce: 2, 4, 0, 1. Drawing, Design and Painting: 1, 0, 2, 0. Economics: 1, 0, 0, 0. Education: 1, 0, 0, 0. Engineering: 5, 1, 2, 1. English: 4, 2, 2, 3. French and Spanish: 1, 2, 1, 8. Geology: 0, 0, 2, 0. Hebrew: 1, 0, 0, 0. History and Political Science: 2, 0, 1, 2. Hygiene and Public Health: 2, 0, 0, 1. Law: 13, 0, 0, 0. Library Work, 0, 0, 0, 1. Mathematics: 2, 1, 3, 0. Mechanic Arts: 0, 0, 0, 1. Philosophy: 0, 1, 1, 0. Physical Education: 1, 0, 0, 2. Physical Training: 0, 0, 0, 1. Physics: 2, 0, 1, 2. Piano, Harmony and Composition: 2, 0, 0, 1. Pianoforte: 0, 0, 0, 1. Pottery and China Decorations: 1, 0, 0, 0. Sociology: 1, 0, 2, 0. Solfeggio and Public School Music: 0, 0, 0, 1. Violin: 0, 0, 0, 1. Voice and Composition: 1, 0, 0, 2. Water-color Painting and Decoration of Textiles: 1, 0, 0, 0. Zoology: 0, 1, 0, 0. College of Medicine: See page 119. College of Dentistry: 6, 0, 2, 8.

Enrolment for year ending June 30, 1926, 4,517. College of Arts and Sciences, 474; College of Engineering, 240; Newcomb College for Women, 705; College of Law, 86; School of Medicine, 409; School of Pharmacy, 56; School of Dentistry, 62; College of Commerce, 409; the Graduate School, 80; the Graduate School of Medicine, 148; the course for Teachers, 231. Summer school, 1,751. Names counted twice, 134.

Degrees conferred year ending June 30, 1926, 391: A.B., 97; B.S., 27; B. of Design, 9; B.Mus., 5; B.A. in Ed., 24; B. of Eng., 34; B. of Arch., 12; M.A., 16; M.S., 3; LL.B., 19; M.D., 85; Ph.G., 28; D.D.S., 14; B.B.A., 18. Total number of degrees conferred since foundation, 11,486.

Fees: Annual tuition fee in College of Arts and Sciences for all students (except for Premedical and Predental students), $125. Each student is required to pay annually a registration fee of $15, a library fee of $5, a student fee of $10, a gymnasium fee of $5, and an athletic fee of $5. Students taking Chemical or Physical Laboratory courses are charged an annual fee of $20 for each course. The annual fee for other laboratory courses is $15. A deposit of $10 to cover cost of breakage is required of students taking Chemistry Laboratory courses, and $5 of

students taking Zoology Laboratory courses. A diploma fee of $10 is charged to each candidate for graduation. In the men's dormitories room, breakfast and dinner cost $220 to $240 a session. Students in Newcomb College dormitories are charged $245 for board and lodging, including laundry. A conservative estimate of expenses for a session for a non-resident student attending Tulane University is $580.

Scholarships and Fellowships: In *Colleges of Arts and Sciences and Engineering:* State Scholarships, City Scholarships, Honor Scholarships, Board Scholarships, Alumni Scholarships, William Preston Johnston Scholarship, Gus. D. Levy Memorial Scholarship, Louisiana Battle Abbey Scholarship, Leon Godchaux Centennial Scholarship, and Louisiana Chapter American Institute of Architects Scholarship. In *Newcomb College for Women:* Honor Scholarships, Board Scholarships, Alumni Scholarships, J. A. Bel Scholarship, City Scholarships, Cora A. Slocomb Scholarship, B. C. Wetmore Scholarship, Ida Roehl Hernsheim Scholarship, F. Walter Callender Scholarships, Baker Scholarships, J. C. Morris Scholarship, Louisiana Battle Abbey Scholarship, United Daughters of the Confederacy Scholarships, American Association of University Women Scholarships, Newcomb Relief Unit Scholarship, Cecile Heller Lasker Scholarship, and Meta D. Huger Scholarship. The Alumni Teaching Fellowship in the College of Arts and Sciences or the College of Engineering (tuition and $250 per annum; and the holder must be a graduate of Tulane University): Robert Sharp Fellowship in English open to graduates of the College of Arts and Sciences of Tulane or colleges of like standing ($250 and tuition). Fellowships in Newcomb College for Women (tuition and $250 a year) are awarded by the Board to graduates of this University or of other institutions of equal rank who are found to be fitted to give instruction under the direction and supervision of professors in charge. The fellow is expected to do graduate work, selecting her major subject in the department in which she gives instruction. The Junior League of New Orleans, in 1925, agreed to donate an amount not exceeding $4,000 annually to establish a model obstetrical clinic, and to provide for two fellowships in Obstetrics and one in Pediatrics, the fellowships to be known as the Junior League Fellowships.

Research funds: David Trautman Schwartz Research Fund in the School of Medicine, interest on fund to be devoted to research and fellowship purposes. Harrod Research Fund in School of Medicine for investigation of cancer.

1927–28 session began September 27, 1927, and ends June 13, 1928.

Summer School, 1925, began June 15, and ended July 15, 1925, with a supplemental term of 3 weeks. Summer School includes Graduate School, College, and Model High School, and summer courses in School of Medicine. Attendance, 1925, 1,751.

For many years Tulane University has offered Extension Courses. Afternoon and Saturday classes for teachers. Night classes are offered in Commerce and Business Administration and in Electrical Engineering and in Architecture.

Publications: Annual Register in August contains announcements of the several Schools and Colleges. University Press established to print the University publications. President's Financial Statement annually in February.

Tulane was one of the first institutions in the country to adopt the Honor System, in 1886.

Achievements of year ending June 30, 1926: Department of Medicine of the School of Medicine strengthened by gift of $15,000 annually for five years from the General Education Board. A Department of Tropical Medicine established in the School of Medicine by gifts of several citizens of New Orleans. Dr. Aldo Castellani, of London, England, accepted the headship of the department. A Department of Journalism established to begin 1926–27, a gift of the Times-Picayune Publishing Company, of New Orleans ($6,000 a year for 10 years). A reorganization of Graduate School of Medicine, which includes courses in clinical subjects for advanced degrees, became effective in 1925–26. Numerous donations received for Department of Middle American

Research, including several valuable collections.

Administrative officers: President, Albert B. Dinwiddie; Dean, College of Arts and Sciences, Edward A. Bechtel; Dean, College of Technology, Douglas Anderson; Dean, H. Sophie Newcomb Memorial College for Women, Pierce Butler; Dean, College of Law, Rufus E. Foster; Dean, College of Commerce and Business Administration, Morton A. Aldrich; Dean, Schools of Medicine and Pharmacy, Charles Cassedy Bass; Dean, School of Dentistry, Alfred A. Leefe; Dean, Graduate School, John McLaren McBryde; Dean, Graduate School of Medicine, Edmund Denegre Martin; Registrar, Richard K. Bruff.

TUSCULUM COLLEGE

GREENEVILLE, TENNESSEE

A college for men and women. Privately endowed and controlled. Non-sectarian. Charter granted by the Legislature of the Territory South of the Ohio River in 1794.

Self-perpetuating Board of 21 Trustees.

Endowment: $668,830.94. Other funds, $69,108. Income from endowment, $39,098.75. Income from tuition and fees, $15,673.91. Total annual expenditures year ending June 30, 1926, $97,479.82. A campaign for additional endowment of $400,000 is in progress.

Grounds (117 acres) valued at $52,200. Two residence halls for women, two for men. Total present worth of buildings, $300,911.88.

Carnegie Library (1908), 9,200 volumes; 2,300 public documents; 70 current periodicals. Special collection of early American religious books.

Laboratories: Chemistry laboratory in "Old College"; Biology and Physics laboratories in McCormick Hall; Home Economics laboratory in Haynes Hall. Value of scientific apparatus: Chemistry, $6,300; Biology, $2,500; Physics, $3,800; Home Economics, $4,000.

Physical education required of all Freshmen and Sophomores. Athletic field. Gymnasium. Infirmary.

Admission requirements: 15 units, including English 3, Algebra 1½, Plane Geometry 1, History 1, and either (a) 4 years of Latin, or (b) 3 years of a Modern Language, plus 1 year of Science, or (c) 2 years of a Modern Language, plus 2 years of Science.

Degree requirements: 120 credits, exclusive of 4 credits in Physical Education. Of the 120 credits required, about 42 per cent are prescribed, 18 per cent limited electives, and the remaining free electives.

General requirements: All students are required to take 9 hours classroom work in Religion during the 4-year course, and also to attend daily Chapel exercises and the morning service of the Mt. Bethel Church, which is held in the College Chapel each Sunday.

Departments and Staff: Biology: *Acting Professor*, 1; Chemistry and Physics: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Economics and Sociology: 1, 0, 0, 0. English: 1, 1, 0, 0. History and Political Science: 1, 1, 0, 0. Home Economics: 1, 0, 1, 0. Languages: 1, 0, 1, 1. Mathematics: 1, 0, 0, 0. Philosophy and Religion: 1, 0, 0, 0. Psychology and Education: 1, 0, 0, 0. Physical Education: 1, 0, 0, 0. Theory of Music: 1, 0, 0, 1.

Fees: Tuition, $20 a semester. Matriculation, $5. Laboratory, $4 to $10 a semester. Room, $20 to $25 a semester. Board, $81 a semester. Graduation, $10. Annual expenses: Low, $280; liberal, $320.

Dates of beginning and ending sessions: First semester begins second Tuesday in September. Second semester, January 31. College year ends first Tuesday in June.

Administrative officers: President, Charles Oliver Gray; Dean, Ralph D. Wellons; Registrar, Walter T. Murdock; Officer in charge of foreign students, the President.

UNION COLLEGE

SCHENECTADY, NEW YORK

College with technical courses; a part of Union University, the other schools being the Albany Medical College, Albany Law School, College of Pharmacy, and Dudley Observatory. Union College for men only. Undenominational.

Founded 1795. Union College second col-

lege incorporated in New York. Several religious denominations cooperated in its organization, hence the name. First college in United States not strictly denominational.

Self-perpetuating board of 15 trustees; 4 alumni trustees; 6 ex officio trustees, officers of the State including the governor.

Endowment (Union College only), $3,300,000. Income from endowment, $180,000. Income from regular contributions, $25,000. Total annual expenditures year ending June 30, 1926, $398,000. Budget, 1926–27, $415,000. About $300,000 added to endowment in 1926.

Grounds and buildings: 100 acres; 3 residence halls for men (125).

Library (1903), 66,200 volumes; 158 current periodicals. Bailey collection of American wit and humor.

Butterfield Memorial Chemical Laboratory (1918), cost $110,000. Physical Laboratory (1926 addition cost $95,000), Biological Laboratory and green-house. Expenditures for 1926: Chemistry, $6,000; Physics, $4,500.

Dudley Observatory.

Health certificate and medical examination required at entrance. Instruction in Hygiene during Freshman year. Gymnasium; athletic fields.

Admission requirements: 15 units: ½ to 2½ elective in A.B. course; 4½ elective in A.B. (b) and E.E. courses; 5½ elective in C.E., Chemistry and Physics courses.

Degree requirements: All work in Freshman and Sophomore years and in all years of technical courses prescribed.

General requirements: Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Chemistry: 1, 1, 2, 0. Civil Engineering: 1, 2, 2, 2. Classics: 1, 0, 1, 0. Economics: 1, 0, 0, 0. Electrical Engineering: 1, 2, 0, 3. English: 1, 1, 1, 4. Geology: 1, 0, 0, 0. History: 1, 1, 2, 1. Mathematics: 1, 0, 2, 4. Modern Languages: 1, 0, 3, 3. Philosophy: 0, 1, 0, 0. Physics: 2, 1, 2, 1. Physical Training: 0, 1, 2, 1. Psychology: 1, 0, 0, 0. Religion: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 811. Extension courses, 203. Total number of matriculates since foundation, 12,500.

Degrees conferred year ending June 30, 1926, 149: Honorary, 10; A.B., 69; B.S., 2; C.E., 28; E.E., 22; Chemistry, 6; Physics, 3; M.S. in E.E., 5; M.S. in Chemistry, 3; M.S. in Physics, 1. Total number degrees conferred since foundation, 1,045.

Fees: Total charge, $300 a year. Matriculation, $5. Graduation, $15. Room in dormitories, $100 to $150 a year. Board, $8 to $10 a week.

In 1926, 24 per cent of students earned part of way through college.

Dates of beginning and ending sessions: September 19, 1927; Commencement, second Monday in June.

University Extension: Evening courses. High school or technical preparation required for admission. Not credited toward any degree, but certificates given for satisfactory work.

Publications: Catalog in December. President's report in February.

Achievements of year ending June 30, 1926: Bailey Hall, recitation building for Liberal Arts, erected. Department of Music added.

Administrative officers: President, Charles Alexander Richmond, D.D.; Dean of the Faculty, Edward Ellery; Dean of Students, Charles F. F. Garis; Registrar, Esther G. Ely.

UNITED STATES MILITARY ACADEMY

WEST POINT, NEW YORK

Educational institution of college grade, established and maintained by the National Government for training young men for the commissioned personnel of the United States Army.

The United States Military Academy was originally established by Act of Congress in 1802. Its curriculum and system were first scientifically organized under the Superintendency of Colonel Sylvanus Thayer (1817–1825).

The Academy presents a single course of instruction, proficiency in all subjects of which is required of every student.

Direction of the Academy is under the control of the Secretary of War. The immediate responsibility for the conduct of the institution is in the hands of a Superintendent, who is an army officer detailed for this duty by the President on the recommendation of the Secretary of War, usually for a period of four years.

The support of the Military Academy is by funds appropriated annually by the Congress of the United States on the recommendation and estimates prepared by the Superintendent and submitted through the War Department.

The total area of the military reservation of West Point is about 5 square miles. The buildings of the academy, however, are concentrated on a plain just above the Hudson River, occupying altogether about one square mile of ground. The present replacement value of the buildings alone would be upward of $25,000,000; of the grounds, buildings, and equipment would be upward of $35,000,000.

Library, 75,000 volumes, especially strong in military and historical works.

Laboratories are contained in, and form a part of the academic buildings. Present worth of these academic buildings alone is upward of $3,000,000.

Museum is especially devoted to ordnance exhibits and military trophies of historical interest.

Observatory, with its telescope, is in a separate building on a height near the main buildings. Dormitories, Gymnasium, Mess Hall, Hospital, Riding Hall, Administration Hall, and quarters for officers and enlisted men complete the buildings forming the institution.

High physical standards are required of all candidates for admission. All students are given physical examinations annually, physical defects noted and corrective treatment prescribed. A comprehensive program of physical and athletic training forms a part of the regular curriculum. All students participate. Gymnasium. Athletic field with concrete stadium seating 20,000 spectators constructed in 1925 at a cost of over $300,000. Hospital with a senior surgeon and a staff of 10 medical officers.

Admission requirements: Appointments to cadetships, subject to the physical and mental qualification, are in the hands of the United States Senators, Representatives, and the President and the Vice-President, in accordance with regulations laid down by the Congress of the United States. The total authorized strength is 1,374. The mental requirements are 14 units, including Algebra A 1, Algebra A 2, Plane Geometry, 3 units of English, and 2 units of History and optional units to complete the 14, selected from the list recognized by the College Entrance Examination Board. Certificates are accepted except from certain specified classes of candidates. Schools must be on list published by United States Bureau of Education.

Requirements for graduation are the equivalent of 135 credit hours. An average grade of 66⅔ per cent is necessary for proficiency in each subject. Curriculum wholly prescribed. No graduate courses are given.

The departments of instruction with their personnel are as follows: Tactics: *Professor* 1; *Assistant Professor*, 1; *Officer Instructors*, 35. Civil and Military Engineering: 1, 1, 5. Natural and Experimental Philosophy: 1, 1, 8. Mathematics: 1, 3, 31. Chemistry and Electricity: 1, 1, 9. Drawing: 1, 1, 9. Modern Languages: 1, 3, 20. Law: 1, 1, 4. Ordnance and Gunnery: 1, 1, 3. Military Hygiene: 1, 0, 0. English: 1, 2, 13. Economics: Government and History: 1, 2, 10. All the personnel is composed of army officers. In addition, the department of Tactics has 3 *Civilian Instructors*, and the department of Modern Languages has 3 *Civilian Instructors*.

Enrolment, June, 1926, 1,150 cadets.

Graduated, June, 1926, 152. Total number of graduates from 1802 to 1926, inclusive, 8,022.

Students at the Military Academy are ranked in the United States Army and receive pay and rations aggregating the value of $1,072 a year in cash. Out of this money, each cadet pays all his own expenses.

New cadets are admitted each year on July 1. From July 1 until September 1 they are given elementary military training. Academic work begins September 1 and con-

tinues until graduation day, about June 12 of each year. At the end of the second year at the Academy, cadets receive a furlough from June 12 until August 28. The other summers are spent in military training.

The annual publication showing registration is the "Official Register of the Officers and Cadets, United States Military Academy." In addition, the War Department publishes annually a bulletin entitled: "Information Relative to the Appointment and Admission of Cadets to the United States Military Academy."

Administrative officers: Superintendent, Major-General William R. Smith; Acting Dean, Colonel Lucius H. Holt; Adjutant, Major Sherburne Whipple; Quartermaster, Colonel Edward J. Timberlake; Treasurer, Major Otto L. Brunzell; Finance Officer, Major Frederick W. Boschen.

UNITED STATES NAVAL ACADEMY

ANNAPOLIS, MARYLAND

Engineering School. Men. Controlled by the United States Government, Bureau of Navigation, Navy Department, Washington, D. C. Non-sectarian.

Founded in 1845 by the Honorable George Bancroft, Secretary of the Navy, in the administration of President James K. Polk. Formally opened October 10, 1845.

Under the direct supervision and control of the Bureau of Navigation, Navy Department. A line officer of the Navy, not below the rank of Captain is assigned by the Navy Department as Superintendent.

Financial resources: Financed by the United States Government. Budget for 1926–1927, $1,929,160. This does not include the pay of officers, instructors and enlisted men.

Grounds and buildings: Total value of grounds, $2,000,000. Total present worth of buildings, $27,000,000. Total value of grounds, buildings and equipment, $29,000,000.

Library (1908), 64,762 volumes; 100 current periodicals.

Laboratories (1908) in Chemistry, Physics, Electricity, Radio, Steam Engineering, and Gas Engines.

Health program: Candidates are required to be of good moral character, physically sound, well formed and of robust constitution. A rigorous physical examination is given before a candidate is admitted, and annually thereafter throughout the four-year course. Physical disability from any cause found on these examinations require the individual to be dropped. A course in Physiology and Hygiene is included in the Naval Academy curriculum. All midshipmen are required to participate in athletics, and a regular course of physical training is included. Gymnasium (1908).

Admission requirements: Students of the Naval Academy, called Midshipmen, are nominated by Senators, Representatives and Delegates in Congress—not more than three by each—and by the Governor of Porto Rico (one native of the Island) and two by the Resident Commissioner of Porto Rico; two from the District of Columbia and fifteen at large by the President.

Additional appointments of 100 men are made from the regular Navy and Marine Corps on the basis of a competitive examination. From the Naval Reserve and Marine Corps Reserve 25 are selected each year on the basis of competitive examination.

Candidates must be unmarried.

Candidates admitted on examination must present: English Composition and Literature (3 years' study in a secondary school) Ancient History, United States History, Algebra (through quadratic equations, exponents and radicals), Geometry (Plane and Solid), Physics.

Candidates admitted on certificate will be examined in Mathematics and English and must present certificate from a university, college or technological school accredited by the Academy, or a certificate from a public high school showing proficiency in 9 required units and 6 optional units or a certificate of the College Entrance Examination Board showing proficiency in examinations in subjects amounting to 15 units.

All correspondence regarding nomination and examination of candidates should be addressed to the Bureau of Navigation, Navy Department, Washington, D. C.

Degree requirements: The Naval Acad-

emy curriculum includes but one course which all midshipmen are required to take. The course is of four years duration, and is designed for the purpose of training students to become officers in the Navy.

General requirements: All midshipmen are required to take a regular course in physical culture. The Naval Academy is a military school and the curriculum includes such courses in military science as apply to the Naval Service. All midshipmen are required to attend church services on Sunday. but they may choose the church they desire to attend. All midshipmen are required to live in quarters provided for them.

Departments and Staff: Seamanship and Flight Tactics: *Officer Instructors*, 20; *Civilian Instructors*, 0. Ordnance and Gunnery: 22, 0. Navigation: 16, 0. Engineering and Aeronautics: 28, 3. Mathematics: 1, 17; Electrical Engineering and Physics: 26, 4. English: 5, 12. Modern Languages: 7, 10. Physical Training: 5, 12. Hygiene: 1, 0.

Enrolment: June 1, 1926, 1,615 (includes class that graduated June 3, 1926). Total number of matriculates since foundation, 16,297.

Degrees: 456 Midshipmen graduated 3d June, 1926 (Class of 1926). Of this number 424 were commissioned Ensigns in the United States Navy, and 25 as Second Lieutenants in the United States Marine Corps.

Fees: No fees are charged. All midshipmen are paid by the Government a sufficient amount to clothe, feed, and provide themselves with text-books.

Dates of beginning and ending sessions: The regular session of the Naval Academy begins with the last week in September, and ends the last week in May. The Summer session is devoted to practical instruction in Aviation for the graduating class, and to practical fundamentals for the entering class.

Publications: Superintendent's Report, Naval Academy Register.

Achievements of year: A course in Aviation for the graduating class, supplementing the regular curriculum, was established at the Naval Academy by the Navy Department in May, 1925.

Administrative officers: Superintendent, Rear Admiral L. M. Nulton, U. S. N.; Commandant of Midshipmen, Captain Sinclair Gannon, U. S. N.; Secretary, Academic Board, Lieutenant-Commander William G. Greenman.

UNIVERSITY OF AKRON, MUNICIPAL

See: Municipal University of Akron.

UNIVERSITY OF ALABAMA

UNIVERSITY, ALABAMA

Telegraphic Address: Tuscaloosa, Alabama

Name for bequests: The Board of Trustees of the University of Alabama.

State University, coeducational.

Founded April 12, 1831. On April 4, 1865, Federal Cavalry destroyed by fire all buildings. Rebuilding begun in 1867; instruction resumed April, 1869.

Board of Trustees, consisting of Governor of State, and State Superintendent of Education, ex officio, and one member from each congressional district except the district in which the University is located, which has two.

Endowment: $1,659,693. Income from endowment, $69,864.09. Interest on endowment from State, $36,000. State appropriations, $160,500. Other sources, $315,843.30. Total annual expenditures year ending June 30, 1926, $546,749.04. Budget, 1926–27, $415,000.

Total value of grounds (300 acres), $75,000. Total present worth of buildings, $1,125,449.

Library (1925), 75,000 volumes, including 20,000 government documents and 75 current periodicals.

Laboratories: Smith Hall (1908); present worth, $150,000. Comer Hall (1909); present worth, $156,500. Mining laboratory (1909); present worth, $10,000. Toumey Hall (1885); present worth, $10,000. Nott Hall (1922); present worth, $175,000. Chemical Building under construction, worth $175,000.

Observatory: 8-inch refractor and other equipment.

Admission requirements: 15 units: English 3, Mathematics 2, History 1; no con-

ditions allowed. Students who are 20 years old admitted as Special Students.

Degree requirements: 128 semester hours: English 12, Mathematics 6, Foreign Languages 12, History, Economics or Political Science 12, Science 8. Major 30 hours. Juniors and Seniors required to make grade of "C" (70 to 80) or above.

General requirements: Physical education required of all Freshman women. Military training required of all Freshman and Sophomore men.

Departments and Staff: Anatomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Accounting: 0, 1, 0, 2. Biology: 1, 0, 1, 0. Business English: 0, 0, 0, 1. Chemistry: 2, 0, 1, 0. Economics: 1, 0, 2, 0. Education: 3, 0, 0, 0. Engineering: 4, 1, 1, 0. English: 3, 0, 1, 0. Fine Arts: 0, 0, 0, 1. Geology: 2, 0, 0, 0. German: 1, 0, 0, 0. History: 2, 0, 1, 0. Home Economics: 0, 0, 0, 1. Latin: 1, 0, 0, 0. Law: 2, 1, 2, 0. Mathematics: 2, 1, 1, 0. Materia Medica: 1, 0, 0, 0. Mining: 1, 0, 1, 0. Music: 0, 0, 0, 3. Pathology and Bacteriology: 2, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physical Education: 0, 0, 0, 1. Physics: 1, 0, 0, 0. Physiology and Pharmacology: 1, 0, 2, 0. Political Science: 1, 0, 0, 0. Romance Languages: 0, 1, 1, 2. Vocational Education: 1, 0, 1, 0.

Enrolment for year ending June 30, 1926, 2,205. Total number of matriculates since foundation, 14,356.

Degrees conferred year ending June 30, 1926, 276. Total number of degrees conferred since foundation, 5,136.

Fees: General University fee, $48; student activity fee, $13.50 annually. Law tuition, $75 a year. Medical tuition, $60 a year. Commerce tuition, $22.50 a year. Graduation, $15. Board, $24 a month. Annual expenses: Liberal, $750; low, $400.

Research: Mines Experiment Station fund; income, $25,000. Geological Survey.

Employment bureau: One-third of students earn part of their expenses either before entering college or while in residence.

Dates of beginning and ending sessions: September 12, 1927; May 29, 1928.

Summer session: June 3–August 18, 1927. 17 departments offered 164 courses. Attendance, 1925, 1,933.

University Extension: 1,560 extension students.

Publications: Catalog in April. President's report in June.

Administrative officers: President, George H. Denny; Dean, Charles H. Barnwell; Dean, School of Engineering, George J. Davis, Jr.; Dean, Law School, Albert J. Farrah; Dean, School of Commerce and Business Administration, Lee Bidgood; Dean, School of Medicine, Clyde Brooks; Dean, Graduate School, Albert B. Moore; Dean of Women, Mary Burke; Registrar, Martha W. Parham.

UNIVERSITY OF ARIZONA

TUCSON, ARIZONA

State University. Coeducational.

Act of Arizona legislative assembly authorizing formation of the University of Arizona was passed in 1885; opened in 1891.

Board of 8 Regents appointed by the Governor and confirmed by the Senate, and the Governor and the Superintendent of Public Instruction of the State, ex officio. The term of office is 8 years. The Board is a continuing board, two members being appointed every two years.

Financial resources: Endowment, $10,000. Income from endowment, $425. Income from other sources, $1,517,602.49. Total annual expenditures year ending June 30, 1926, $1,366,947.69. Budget, 1926–1927, $1,197,715.32.

Grounds and buildings: Campus (75 acres) and 22 buildings valued at $2,250,000. University owns also five experiment stations in different parts of Arizona containing approximately 1,000 acres of land. The United States and the State of Arizona have allotted in addition 600,000 acres of public lands. Total value of grounds, buildings and equipment, $3,500,000.

Library (1925), 75,000 volumes, including 15,000 government documents and 600 current periodicals.

Laboratories: Science Hall (1909), $125,000; Agricultural Building (1915), $220,000;

Mechanical Arts Building (1917), $35,000; Mill Building (1917), $8,000; Mines and Engineering Building (part) (1919), $225,000; Steward Observatory (1921), $75,000.

Museums: Agriculture Building houses Arizona State Museum containing Archæological and Ethnological collections; Mineralogical collection housed in the Mines and Engineering Building.

Observatory: Gift of $60,000 made to the University by the late Mrs. Lavinia Steward 36-inch reflecting (Warner and Swasey) telescope together with a photographic equipment, astronomical clocks and other accessories, 4½-inch equatorial telescope, etc.

Health program: Infirmary. Each student must pass a physical examination before entrance. Physical examination and hospital fee ($5) entitles student to medical examination at entrance, free medical advice and care in all types of illness except chronic cases. Gymnasium and armory (cost $175,000). Gymnasium for women. Athletic fields for men and women.

Admission requirements: 15 units, including English 3, 1 unit each of Algebra, Plane Geometry, Science and United States History and Civics. Different colleges have additional requirements above this minimum. No conditions allowed.

Degree requirements: 124 units required for bachelors degrees in the College of Letters, Arts and Sciences; 109 in College of Law; 134 Bachelor of Science in Agriculture; 124 for bachelor degrees in the College of Education; 124 for Bachelor of Music; 144 for bachelor degrees in the College of Mines and Engineering. The courses are largely prescribed except in the College of Letters, Arts, and Sciences, where for the bachelors degrees 2 years of Foreign Language, 1 year of a science and two years of English are required. Eighty per cent of the work for a degree must be of at least average grade. Major of 24 units and minor of 12 units required in the Education and Arts Colleges.

General requirements: The last 30 semester hours must be earned in residence in this institution. Military Science is required of all men students in the first 2 years, and Physical Education of all women. Women students must live in the dormitories or in homes approved by the University.

Departments and Staff: Agriculture: *Professors*, 8; *Associate Professors*, 5; *Assistant Professors*, 9; *Instructors*, 4. Archæology: 1, 0, 0, 0. Astronomy: 1, 0, 0, 1. Biology: 2, 1, 0, 2. Chemistry: 2, 1, 1, 1. Civil Engineering: 1, 0, 1, 1. Classical Literature: 1, 0, 0, 0. Economics: 2, 1, 4, 0. Education: 2, 0, 1, 0. Electrical Engineering: 1, 0, 0, 1. English: 3, 4, 1, 4. French: 1, 0, 0, 2. Geology: 3, 0, 1, 1. German: 0, 1, 0, 0. History and Political Science: 1, 2, 1, 0. Home Economics: 1, 3, 0, 2. Law: 3, 0, 0, 0. Mathematics: 2, 1, 2, 1. Mechanical Engineering: 2, 0, 0, 2. Military Science: 1, 0, 3, 0. Mining Engineering: 5, 0, 0, 0. Music: 0, 2, 1, 1. Philosophy: 2, 0, 0, 1. Physics: 1, 1, 0, 1. Physical Education: 2, 0, 4, 0. Spanish: 1, 1, 3, 3.

Enrolment for year ending June 30, 1926, 2,509. Total regular session, 1,766. Summer session, 275. Correspondence, 384. Extension classes, 306. Grand total, 2,731 (222 duplicates). Total number of matriculates since foundation, 10,511.

Degrees conferred year ending June 30, 1926, 241. Total number of degrees conferred since foundation, 1,384.

Fees: No tuition is charged to students who are citizens of the State of Arizona. Non-resident students are charged $50 a semester. All students pay an incidental fee of $10 a semester, and a physical examination and hospital fee of $5 a semester. Board at University Commons, $25 a month. Room in dormitory, $35 a semester.

Scholarships and fellowships: Nine fellowships ($600–$720 each) in Mines, Biology, Chemistry, Physics, Geology, Home Economics. Two fellowships ($500 each) for students from University of Mexico. 20 scholarships.

Research funds: Income from Douglas Endowment Fund of $10,000 to be annually applied to purchase of instruments of precision and research or special apparatus, for scientific instruction and education in College of Mines.

Employment bureau for women last year assisted about 10 per cent of the women to earn all or part of their expenses.

Dates of beginning and ending sessions: September 12, 1927 to June 2, 1928.

Summer session: 11 departments; 52 courses. Two 6-week sessions, 1926: June 7 to July 17; July 19 to August 28. Attendance, 1925, 275.

University Extension: Special and unclassified students, 213; extension students, 306; correspondence students, 384. Extension: 4 departments offering 8 courses; 16 classes given.

Publications: Board of Regents publishes annually a financial statement. Scientific bulletins published by the Agricultural Experiment Station and the Arizona Bureau of Mines.

Administrative officers: President, ——; Dean of the College of Mines and Engineering, Gurdon Montague Butler; Dean of the College of Agriculture, John James Thornber; Dean of the College of Law, Samuel Marks Fegtly; Dean of the College of Letters, Arts and Sciences, Frank Mann Life; Dean of the Graduate College, Frederick Leslie Ransome; Acting Dean of the College of Education, Carl Leo Huffaker; Registrar, Franklin Cressey Paschal; Dean of Women, Anna Pearl Cooper; Dean of Men, Elmer Lacey Shirrell.

UNIVERSITY OF ARKANSAS

FAYETTEVILLE, ARKANSAS

Name for bequests: Board of Trustees, University of Arkansas.

Medical School at Little Rock.

State University for men and women.

Founded in 1871 as result of the land-grant act of 1862 and an act of the Arkansas legislature accepting the Congressional land grant, and providing for the Arkansas Industrial University. Name later changed to University of Arkansas. Opened in January, 1872. Board of 7 Trustees appointed by the Governor and confirmed by the State Senate. The State Superintendent of Public Instruction is an ex officio member of the Board, and the Governor of the State is chairman of the Board.

University of Arkansas has the following divisions: College of Liberal Arts and Sciences, College of Agriculture, College of Engineering, College of Education, School of Law, School of Business Administration, School of Medicine (at Little Rock), General Extension Service.

Endowment: $132,666.67. Income from Endowment, $6,633.34. Income from other sources: $1,104,821.68: Federal, $90,310.52; State, $886,375, etc. Agricultural Extension Service: Total annual expenditures for the year ended June 30, 1926, Maintenance, $240,166.96. Budget for 1926–27, $240,000. Medical Department: Budget for 1926–27, $101,300.

Grounds and buildings: One residence hall for women (125); 2 for men (165). Campus of 160 acres. Farm of 523 acres. One branch Agricultural Experiment Station of 160 acres in Lee County; one in Hempstead County of 185 acres; and one in Arkansas County of 160 acres. Total value of campus and farms, $135,000. Total present worth of buildings, $700,000. Total value of grounds, buildings and equipment, $1,400,000. Two buildings under construction for Agriculture and Engineering will cost $650,000.

Library in University Hall, 72,665 volumes, including 3,560 government documents; 325 current periodicals. Departmental libraries.

Laboratories: Chemistry Building, Physics Building, Engineering Building, Engineering Shops.

Museum of Natural History in University Hall.

Health program: Physical examination given to each student on entrance. Hospital; University physician and nurse in charge. Gymnasium for women; another for men; athletic fields.

Admission requirements: 15 units, only 4 of which may be in vocational work. English, Mathematics and History required of all candidates for admission. No conditions allowed.

Degree requirements: In the College of Arts and Sciences, Agriculture, Engineering and Education, from 124 to 139 semester hours. School of Law requires two years of college work for entrance, and three years of law for graduation. School of Medicine requires two years of college work for en-

trance and four years of medicine for graduation. School of Business Administration requires two years of college work for admission and two additional years of work in the School of Business Administration for graduation.

Properly qualified students having the Bachelor's degree are permitted to take the Master's degree in one year of graduate study, including a thesis representing the results of original work.

General requirements: Women must take two years of Physical Education; men two years of Military Science.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Art: 0, 0, 0, 3. Botany: 1, 0, 1, 1. Chemistry: 1, 1, 1, 1. Economics and Sociology: 2, 0, 1, 1. English: 1, 1, 1, 5. Geology: 1, 0, 0, 1. German: 1, 0, 0, 0. History: 1, 1, 1, 1. Journalism: 0, 0, 1, 1. Mathematics: 1, 1, 1, 1. Music: 2, 0, 1, 1. Physics: 1, 1, 0, 2. Physical Education: 1, 0, 1, 3. Psychology and Philosophy: 1, 0, 0, 2. Romance Languages: 2, 0, 1, 1. Zoology: 1, 0, 0, 1. College of Agriculture: 13, 4, 8, 10. College of Education: 3, 0, 2, 4. College of Engineering: 6, 1, 0, 9. Law Department: 2, 0, 0, 2. School of Medicine at Little Rock: 26, 10, 1, 27.

Enrolment: For the regular session, 1925–26: College of Arts and Sciences, 649; College of Education, 380; College of Engineering, 306; College of Agriculture, 209; Graduate School, 15; Law Department, 27. Net total of college students (duplicates deducted), 1,567; University Training High School, 166; Summer School of 1925, 903; Classes conducted in extension centers, 698; Correspondence students, 946; Special and short courses at Fayetteville, 3,360. Total, 7,640, less duplicates (303), 7,337; Medical School, 155. Total number of matriculates since foundation estimated at more than 25,000.

Degrees conferred in the year ended June 30, 1926, 115; Medicine, 36; Total number of degrees conferred since foundation, 2,272.

Fees and other expenses: Matriculation and registration, $7.50 a semester. Student health and student activities, $7.50 a semester. Graduation, $10. Non-resident tuition, $15 a semester. Tuition in law, $30 a semester. Laboratory fees. Board and room with light, heat and water in the Women's Dormitory, averages about $27 a month. The same in Men's Dormitory with addition of laundry, costs about $32 a month. Board and room in the city is obtainable at prices ranging from $30 to $40 a month. Low average for all expenses for a year, including living expenses, incidentals, and some clothing, $450; liberal, $600.

Scholarships and fellowships: One University scholarship given to the honor graduate of each fully accredited high school in the State. Three other scholarships. Six to eight graduate scholarships of $250 to $600 each.

Research funds, etc. Hatch and Adams Funds from Federal Government, $30,000 a year. Purnell Fund from Federal Government, $30,000; these for research in Agriculture and Home Economics. A considerable amount of other institutional funds also used for research.

About 70 per cent of the men earn their way in whole or in part. About 10 per cent of the women students do the same thing.

Dates of beginning and ending session: September 15, 1927; June 1, 1928. Summer Session, June 6 to July 18, 1928. Eighteen departments offered 115 courses in 1926. Attendance, 1925, 903.

Publications: Catalog in May, President's Report in alternate years for presentation to the legislature. The Agricultural Experiment Station published a series of scientific numbers each year. The General Extension Service issues a Bulletin of Public Service for circulation over the State. The Engineering Experiment Station issues at intervals bulletins giving the results of research work in that division.

Achievements of year ended June 30, 1926: Inauguration of a School of Business Administration. Laying the foundations of two new buildings to cost $650,000. Addition of third year of law. Addition to the research faculty of two men in the field of rural economics and sociology and one woman in Home Economics.

Bibliographical references: A complete history of the University of Arkansas from

the beginning until 1912 was published by the University in the latter year. The authors were Professors Reynolds and Thomas of the University faculty.

Administrative officers: President, John Clinton Futrall; Vice-President and Dean of the College of Engineering, William Nathan Gladson; Dean of the College of Arts and Sciences, Virgil Laurens Jones; Dean of the College of Education, James Ralph Jewell; Dean of the College of Agriculture, Daniel Thomas Gray; Dean of the School of Law, Julian Seesel Waterman; Head of the School of Business Administration, Charles Clifton Fichtner; Dean of Men, Giles Emmett Ripley; Dean of Women, Martha McKenzie Reid; Registrar and Examiner, Frederick Laird Kerr; Dean of the School of Medicine, Morgan Smith.

THE UNIVERSITY OF BUFFALO

BUFFALO, NEW YORK

University, coeducational, non-sectarian, privately controlled.

Chartered in 1846. School of Medicine constituted the University from 1846 to 1886.

Council (Board of Trustees) consists of 36 elected and 7 ex officio members. Twelve members elected by the Alumni and 24 by the Council, all for terms of 4 years. The ex officio members are the 6 deans of divisions and the Mayor of Buffalo. The University consists of the College of Arts and Sciences (1913), the School of Medicine (1846), School of Pharmacy (1886), School of Law (1891), School of Dentistry (1892), the Summer Session (1915), the Evening Session (1923), the School of Business Administration and Journalism (1923) and the Library Science Course.

Endowment, $3,211,154.22. Income from endowment: $150,298.20. Income from student fees, $416,582.13. Income from all other sources, $48,474.96. Budget 1926–1927, $811,503.97. Additions to Endowment Fund, 1925–1926, $226,798.56.

Grounds and buildings: Grounds (170 acres) valued at $412,522.74. Total present worth of buildings, $1,551,236.01. Total value of grounds, buildings, and equipment, $2,271,230.46.

The College of Arts and Sciences and the School of Pharmacy are located on the main campus of the University. Schools of Medicine and Dentistry are adjacent to Buffalo General Hospital. School of Law is adjacent to city courts and law library of Eighth Judicial District. Evening Session and School of Business Administration and Journalism located in downtown district.

Library (1922), 26,032 volumes including about 1,000 volumes of government documents; 169 current periodicals. In addition about 5,000 doctors' theses written in German on the English language. Library of School of Medicine: 18,533 volumes; 50,000 pamphlets; 180 current periodicals. Library of School of Dentistry: 2,650 volumes; 12 periodicals. Library of School of Law: 5,000 volumes; 10 periodicals. The law library of the New York State Eighth Judicial District (60,000 volumes) is available to students of School of Law. The Grosvenor library, (over 186,000 volumes), has a working arrangement by which it purchases and reserves books for University of Buffalo classes. Buffalo Public Library (482,000 volumes) issues cards to students. Buffalo Historical Society library: 41,600 volumes.

Laboratories: Present worth of Building of the School of Medicine, $480,252.56; Building of the School of Dentistry, $221,991.46; Science Hall, $150,000; Foster Hall, $744,919.67. Value of equipment: Biology, $23,000; Chemistry, $31,000; Physics, $12,000; Psychology, $3,000; School of Medicine, $22,424.77; School of Dentistry, $28,026.83; School of Pharmacy, $6,990.38.

Museums: One museum in building of School of Medicine contains a large number of normal and pathological specimens. Museum in building used by School of Dentistry contains Bodecker Museum of Comparative Anatomy. In Foster Hall, a special collection for students of Industrial Chemistry.

Health program: Health examination of all freshmen during the first month of college year. Part time medical advisor for men and one for women. Physical education required of all freshmen. Two semester hour

courses in personal and community Hygiene required of all freshmen. The head of the department of Physical Education and Hygiene is a physician; his office is on the campus and he is available at all times. Buffalo City Hospital cares for all emergency cases.

Admission requirements: Admission by certificate (graduation with credit for proper subjects from an accredited secondary school) or by Regents examination: 15 units including: English 3, Algebra, elementary 1, intermediate ½; Plane Geometry 1; Foreign Languages (Ancient or Modern) 3 and one of the following: History 1, Physics or Chemistry 1, a second Foreign Language 2. Special students are high school graduates or those who have at least equivalent preparation, who are carrying a number of hours which is below that taken by regular students. One condition allowed if mark in intelligence test is above average and if statement from school principal fully explains lack of preparation. All conditions must be removed before beginning of sophomore year. *School of Medicine* requires completion of a two years' curriculum in a College of Liberal Arts including subjects prescribed by American Medical Association. *School of Dentistry* requires for entrance completion of a two years' curriculum in a College of Liberal Arts. *School of Law* requires one year of pre-legal work in a College of Liberal Arts and beginning with 1927 will require two years as a pre-requisite to three years' law curriculum. School of Pharmacy requires for entrance a Regents' diploma from a secondary school or its equivalent. Minimum age of entrance is 17. *School of Business Administration* and *Journalism* requires 15 units. *Library Science* course requires completion of two years in a College of Liberal Arts.

Degree requirements: For B.A., 128 semester hours required. Of this number 48 are prescribed, 20 are group electives and the rest are free electives. Every student must attain a minimum grade of C in at least three-quarters of the number of hours required for graduation. Juniors and seniors of high standing are admitted to Honors Division. Students in Honors Division pursue for two years, under tutorial guidance and with a minimum requirement of attendance on courses, a program of study approximately four-fifths of which is devoted to a single field of concentration. The results are tested by annual comprehensive examinations. The degree of Master of Arts or Master of Science is awarded on completion of a year's work, as a minimum, and a thesis acceptable to Committee on Graduate Study and Degrees. M.D. is awarded for completion of a four years' curriculum in Medicine; D.D.S. for completion of a four years' curriculum in Medicine and Dentistry, first two years of which are nearly identical with the medical curriculum. LL.B. degree requires completion of regular three years' curriculum in Law. Ph.G. requires completion of two years' course in Pharmacy. Diploma in Business Administration may be obtained in the Evening Session by students who secure 48 semester hours of credit chiefly in business subjects. B.S. in Business Administration requires 128 semester hours of University credit. Certificate in Library Science is awarded to those who complete two years' Library Science Course.

General requirements: Physical education is required of all freshmen in the College of Arts and Sciences. Military Science is not required, but Medical Corps Unit of R.O.T.C. offers courses in Military Science and Tactics at School of Medicine. Students must live in houses approved by the University.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0, *Assistant Professors*, 0, *Instructors*, 0. Astronomy: 1, 0, 0, 0. Biology: 2, 0, 0, 3. Chemistry: 3, 1, 1, 4. Economics: 1, 0, 1, 1. Education: 1, 0, 0, 1. English: 1, 0, 1, 4. French: 0, 0, 0, 1. Geology: 1, 0, 0, 0. German: 1, 0, 0, 1. History and Government: 3, 0, 0, 2. Hygiene: 1, 0, 2, 0. Latin and Greek: 0, 0, 1, 1. Mathematics: 1, 0, 1, 3. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 2, 0. Psychology: 2, 0, 0, 0. Romance Languages: 1, 0, 1, 2. School of Medicine: See page 124. School of Pharmacy: 7, 0, 2, 10; School of Law; 16, 0, 0, 2; School of Dentistry: 10, 0, 0, 15. School of Business Administra-

tion and Journalism: 2, 0, 4, 0. 26 (Lecturers).

Enrolment: College of Arts and Sciences: 850: Men, 408; women, 442. School of Medicine: 258: Men, 247; women, 11. School of Pharmacy: 231: Men, 202; women, 29. School of Dentistry: 134: Men, 132; women, 2. School of Law: 268: Men, 250; women, 18. Evening Session: 948: Men, 487; women, 461. Grand total: 2,689 (Men, 1,726; women, 963.)

Degrees conferred year ending June 30, 1926: M.D., 48; Ph.G., 107; LL.B., 74; D.D.S., 50; Ph.D., 1; M.A., 4; M.S., 1; B.S., 33; B.A., 27; B.S., in Medicine 15; B.S., in Education, 20; Library Science Certificate, 10; Diploma in Business Administration, 1. Degrees conferred since foundation: M.D., 3077; Ph.G., 1241; Ph.C., 18; Phar.B., 353; Phar.M., 30; Phar.D., 6; LL.B., 1129; LL.M., 12; D.D.S., 1336; Pd.B., 5; Pd.M., 1; Pd.D., 2; A.C., 223; Ph.D., 2; M.A., 25; M.S., 6; B.S., 177; B.A., 117; B.S., in Medicine, 83; B.S., in Education, 38. Library Science Certificate, 86. Diploma in Business Administration, 1.

Matriculation fee: $5. Graduation fee: $10. Student Activities fee: $12. Laboratory fees and deposits $5 to $15. Registration fee (Summer Session) $3. Tuition: College of Arts and Sciences, $225; School of Medicine, $300; School of Dentistry, $300; School of Law, $200; School of Pharmacy, $200. Expenses for room and board run from $9 to $12 a week.

Thirty-five scholarships with stipends ranging from $100 to $1,500.

Bureau of Personnel Research, established in 1925, secured during the year positions for 105 students and is investigating students' earnings. In the College of Arts and Sciences of 245 girls reporting 12 per cent earned part of their expenses. Of 157 first-year men reporting in the same college, 52 per cent earned part of their expenses.

Dates of beginning and ending of sessions: September 21, 1927; Commencement June 2, 1928.

Summer Session from July 2 to August 10, 1928. Fourteen departments offered 44 courses to 328 students in 1925.

Evening Session offers on University premises approximately 90 courses in arts and sciences and in business administration.

Publications: "University of Buffalo Bulletin," includes annual catalog, Chancellor's report, etc. "The University of Buffalo Studies" presents results of investigations made by members of faculty and by graduate students.

Achievements of the year ending June 30, 1926: Endowment funds increased $226,798. A campaign is in progress for an additional $600,000 for buildings. Approximately $300,000 has already been pledged. Established a freshmen week and a personnel service. Plan for direction of superior students. Increases in staff of College of Arts and Sciences and in full time teaching force of Schools of Medicine, Dentistry, and Law have been made. Entrance requirements of School of Dentistry raised to level of School of Medicine. After two years in a college of liberal arts, dental students come for two years under instruction of Medical School in the basic medical sciences and receive hospital instruction in clinical medicine. The strictly technical specialization in dentistry follows in the junior and senior years of the course.

Administrative officers: Chancellor, Samuel P. Capen; Executive Secretary, Clarence H. Thurber; Dean of Women, Lillian M. MacDonald; Dean of School of Medicine, C. Summer Jones; Dean of School of Dentistry, Daniel H. Squire; Dean of School of Law, Carlos C. Alden; Dean of School of Pharmacy, Willis G. Gregory; Dean of College of Arts and Sciences, Julian Park; Dean of Evening Session and School of Business Administration and Journalism, Clarence S. Marsh.

UNIVERSITY OF CALIFORNIA

BERKELEY, CALIFORNIA

State University. For men and women. Publicly controlled.

Founded 1868. In 1853 Reverend Henry Durant, a native of Massachusetts and a graduate of Yale opened under the auspices of the Presbytery of San Francisco and of the Congregational Association of Cali-

fornia, the Contra Costa Academy in Oakland, as the first step to the founding of a college. The college was incorporated in 1855 as "College of California." Classes were graduated from 1864 to 1869. In 1868, the College of California offered to surrender to the State all of its property in both Oakland and Berkeley on condition that the State should "forthwith organize and put into operation upon the site at Berkeley a University of California." The Legislature having accepted this offer passed an act organizing the University of California, effective March 23, 1868. The University of California formally took over the work of instruction on September 23, 1869.

The Regents of the University of California, consist of the Governor, the Lieutenant-Governor, the Speaker of the Assembly, the State Superintendent of Public Instruction, the President of the State Board of Agriculture, the President of the Mechanics Institute of San Francisco, the President of the Alumni Association, and the President of the University, as ex officio members, and sixteen other regents appointed by the Governor and approved by the Senate.

Total investments, endowment, and trust funds: $10,506,506.06. Income from endowment and investments: $432,054.73. Total income: $12,727,843.30 including income from United States of $225,061.46. Income from State of California: $5,841,837.20. Gifts: $3,318,888.59. Total assets: $39,688,718.92. Total expenditures: $12,233,712.76.

Total real estate, improvements and equipment, $25,500,151.59.

Library: 638,933 volumes, June 30, 1926; 11,774 current periodicals. Departmental libraries: Hubert Howe Bancroft Library of MSS. and books relating to countries bordering on the Pacific Ocean from Alaska to Panama; 250,000 unpublished documents. Additions in the form of transcripts from the archives of Mexico and Spain. The manuscripts relate especially to the history of California, Spanish activities in Mexico, Central America, Louisiana, the Southwest, and the Pacific coast. In addition to those in the Bancroft Library, a large private collection of transcripts from Mexican archives relating to the early history of Texas and New Mexico has become available to graduate students of the University. The collection of printed materials on Western, Spanish, and American History is even richer than that in manuscript; some 60,000 volumes. Library of School of Jurisprudence in Boalt Hall contains 35,000 volumes.

Laboratories: Agriculture: Equipment valued at $80,282.96. Agriculture Hall (1912): $212,900. Hilgard Hall (1917): $365,100. Agricultural Chemistry Building (1908): $26,400. Veterinary Science Laboratory (1924): $11,600. Anatomy Building (1897): $10,000; equipment $39,341.95. Astronomy Students' Observatory (1889): $13,900; equipment $16,938.58. Bacteriology: Hygiene-Pathology Building (1909): $39,500.00; equipment, $14,580.32. Biochemistry, Budd Hall (1896): $7,200; equipment $14,682.13. Botany Building (1889): $23,200; equipment $16,384.87. Palmer House (1923): $8,306.00. Chemistry: Equipment: $105,339.73. Gilman Hall (1917): $197,200.00 Chemistry Building (1890) $83,529.00 Civil Engineering Building (1879): $39,400.00; equipment $47,793.20. Geological Sciences: Bacon Hall (1878): $61,300 equipment $17,031.17. Home Economics Building (1916): $16,500; equipment $8,884.32. Hygiene-Pathology Building (1909): $39,500.00; equipment $3,213.79. Mechanics: Equipment: $26,616.46. Mechanics Building (1892): $61,000. Hesse Hall (1924): $24,370.00. Mining: Equipment, $32,954.82. Hearst Memorial, Mining Building (1907): $646,800. Physics: Leconte Hall (1923): $455,600; Equipment $93,789.75. Physiology: Spreckles Physiological Laboratory (1903): $25,000; equipment $16,936.37. Psychology Building (1898): $8,000; equipment $5,615.20. Public Health Building (1923): $6,930.00; equipment $3,213.79. Zoology Building (1898): $51,100; equipment $28,399.11. Laboratories of medical sciences in San Francisco valued at $1,338,000. College of Dentistry (1896); equipment valued at $72,197.11. Medical School (1896); equipment: $105,685.11. Hooper Foundation for Medical Research (1896); equipment $12,424.68.

Museums: Anthropology, Archaeology, and Art: One of the largest collections in United States. Egyptian, Classical, and Peruvian antiquities; Ethnographical collections from California Indians. Botany. A phaenogamic herbarium of over 206,000 sheets of mounted specimens and a large quantity of unmounted material. Flora of Western America better represented than in any other collection. A cryptogamic herbarium consisting of over 28,000 mounted sheets. Collection of west coast algae most complete in existence. Geological Sciences: Systematic rock, mineral and ore collections, including several thousand thin sections, a considerable number of polished surface preparations, many collections illustrating special localities and particular scientific publications. California Museum of Paleontology (1921): The object of the museum is the support of field and laboratory research in historical Geology, vertebrate and invertebrate Paleontology, and the proper care of the collections. The latter are housed in Bacon Hall. Fossil invertebrate remains principally from the later Mesozoic Tertiary and Pleistocene horizons. Recent Molluscan specimens—North American and foreign. Vetebrate remains chiefly of Mesozoic, Tertiary, and Pleistocene ages. Zoology. Invertebrates and fishes representative of marine fauna of the Pacific coast from San Diego to Alaska. Collections of plankton. Collection of zoological embryological, and histological preparations. California Museum of Vertebrate Zoology founded in 1908 and endowed by Miss Annie M. Alexander.

Observatories: Berkeley Astronomical Department (Students' Observatory, Berkeley, California). 8-inch reflector, 6-inch refractor, 5-inch refractor; 6-inch photographic telescope and a 5-inch photographic telescope with a 3-inch guiding telescope, all equatorially mounted with driving clock and other equipment.

Lick Astronomical Department (Lick Observatory, Mount Hamilton, California). Founded by James Lick by a deed of trust dated September 21, 1875. 36-inch equatorial and 12-inch equatorial and 36-inch Crossley reflector and other equipment. 36½-inch Cassegrain Reflecting Telescope, for use on an astronomical expedition to southern hemisphere. This expedition is now at work on the summit of San Cristobal, in the northeast suburbs of Santiago, Chile.

Admission requirements: Plan I: For admission of a recommended graduate of an accredited school in California: 15 units including English 2, History 1, Mathematics 3, Natural Science 1, Foreign Language, 2 in each of 2 languages; certification from Principal that applicant is fitted to undertake college work. Plan II: Applicants who are not recommended candidates of an accredited school in California: Admission solely by examination in subjects amounting to at least 12 units. For remaining 3 units certificate from high school record showing attainment of grades A or B in any standard high school subject. High school subjects presented by applicants in this group must be chosen from the following: English 2 units; History 1; Mathematics (elementary Algebra and Plane Geometry) 2; Physics, Chemistry, Biology, Zoology or Botany; Foreign Language (2 in one language); 1 additional unit of Mathematics; 1 additional unit in language offered or 2 in another language; restricted electives (English, History, Mathematics, Natural Science, Foreign Language, Drawing), 3 units; unrestricted electives 3 units. Candidates required to take examinations of College Entrance Examination Board in all subjects in which the University does not hold matriculation examinations.

Admission from schools and colleges of foreign countries: Applicant must present credentials which can be accepted in satisfaction of admission requirements of University of California. Examination to determine if command of English is sufficient to permit applicant to profit by university instruction, for those whose education has been in language other than English.

Degree requirements: Undergraduate Curricula: At Berkeley seven colleges, in each of which there is an undergraduate curriculum of 4 years, leading directly to a bachelor's degree: College of Letters and Science: B.A. Colleges of Applied

Sciences: B.S. in the College of Commerce. In the College of Agriculture in any one of the following: Plant Science, Animal Science, Entomology and Parasitology, Agricultural Economics, Forestry, Landscape Design. In the College of Mechanics: (1) Mechanical Engineering or (2) in Electrical Engineering, or (3) in Marine Engineering and Naval Architecture, or (4) in Agricultural Engineering. In the College of Mining: (1) in Mining, or (2) in Metallurgy, or (3) in Economic Geology, or (4) in Petroleum Engineering. In the College of Civil Engineering: (1) in Railroad Engineering; or (2) in Sanitary Engineering, or (3) in Irrigation Engineering. In the College of Chemistry: (1) in Chemistry, or (2) in Chemical Technology.

Professional Curricula: At Berkeley also the following schools, with curricula based on two or more years of undergraduate work: Medical School, first year and part of the second year of the 5-year curriculum leading to M.D. (the remainder of the work is given in San Francisco). Admission may be granted upon attainment of senior standing in the premedical curriculum, College of Letters and Science. The first year of work in the Medical School may be credited toward the degree of B.A. in College of Letters and Science. School of Architecture: Curriculum of 2 years subsequent to bachelor's degree, leading to degree of Graduate in Architecture. School of Education: (a) Curriculum of 3 years, leading to the Certificate of Completion; the student normally receives the bachelor's degree at the end of the second year; (b) one of 2 years subsequent to the bachelor's degree, leading to the degree of Doctor of Education. School of Jurisprudence: Curriculum of 3 years subsequent to the bachelor's degree, leading to the degree of J.D., and a curriculum of 3 years based on senior standing in the College of Letters and Science or in the College of Commerce leads to LL.B. School of Librarianship: Curriculum of 2 years subsequent to the bachelor's degree; leading at the end of first year to the Certificate in Librarianship, and at end of second year to degree of M.A. And the following curricula: In Public Health, a program of 7 years based on matriculation in the Medical School, leading to the degree of M.D. at the end of 5 years, and to the degree of D.P.H. in 2 additional years. However, in the case of students of medicine in the University of California, a year of the Public Health Curriculum will be accepted in lieu of the fifth year of the Medical Curriculum, reducing the time required for the degree of D.P.H. to 6 years.

Public Health Nursing—open to students in the College of Letters and Science who have been certified as Registered Nurses; a 1-year course in the Department of Hygiene, leading to the Certificate in Public Health Nursing.

In Optometry, a 4-year program, with a major in Physics in the College of Letters and Science, leading to the degree of B.A. and the Certificate in Optometry.

At San Francisco are the following colleges and schools: Medical School, part of the second year together with the third, fourth, and fifth years of the curriculum leading to M.D. Training School for Nurses, in connection with the University Hospitals. Two curricula, 1 of 3 years, leading to the Certificate of Graduation from the School, and one of 5 years, leading to the degree of B.S. in addition to the Certificate of Graduation from the School. Normally the work of the first, second and fifth years is taken in the Undergraduate Division at Berkeley; the third and fourth years in the University Hospitals in San Francisco. Requirements for admission to these curricula identical with those of the academic departments.

College of Dentistry: (a) A 4-year program leading to the degree of D.D.S.; (b) a program leading to the degree of B.S. at the end of 5 years (2 years in the College of Letters and Science, followed by 3 years in the College of Dentistry), and to the degree of D.D.S. in 1 additional year; (c) a course of 2 years for training of Dental Hygienists, leading to a Certificate of Graduation. Requirements for admission identical with those of the academic departments.

Hastings College of the Law: Curriculum of 3 years based upon Junior Certificate in

the University of California or its equivalent, LL.B.

California College of Pharmacy: Three-year program leading to degree of Graduate in Pharmacy, and a 4-year program leading to the degree of Pharmaceutical Chemist. Admission to both curricula based upon graduation from an approved high school course of 4 years.

Southern Branch: At Los Angeles is the Southern Branch of the University, comprising a Teachers College and a College of Letters and Science.

Graduate Curricula: In the Graduate Division there are provided programs of study leading to the degrees of M.A., M.S., Ph.D., and in (addition to the degrees given in the professional curricula mentioned above) to the appropriate professional degrees in Engineering.

Health program: Medical examination of all new students at entrance. Evidence of successful immunization against smallpox required. Physical training prescribed during Freshman and Sophomore years; in addition Military Science prescribed for Freshman and Sophomore men. Gymnasium and athletic fields. Harmon Gymnasium for men (1878) valued at $53,700. Hearst Memorial Gymnasium for women (1926); value $580,000. California Memorial Stadium (1923) valued at $1,050,000; an additional athletic field. Infirmary. In return for part of the incidental fee, each student is entitled to consultation and medical and hospital care at the infirmary, on the campus. Daily average of dispensary consultations and treatments exceeds 200. Full hospital care is given in case of serious illness. Infirmary has status of Class A general hospital.

Departments and Staff: Agriculture: *Professors*, 35; *Associate Professors*, 28; *Assistant Professors*, 24; *Instructors*, 2. Anatomy: 1, 2, 1, 2. Anthropology: 2, 0, 0, 0; Architecture: 1, 2, 3, 1. Art: 0, 3, 1, 0. Astronomy: 2, 2, 1, 0. Bacteriology: 1, 1, 0, 1. Biochemistry and Pharmacology: 1, 0, 3, 1. Botany: 2, 3, 1, 0. Chemistry: 5, 7, 1, 5. Civil Engineering: 4, 3, 2, 2. Economics: 6, 2, 7, 0. Education: 6, 5, 1, 0. English: 6, 9, 4, 2. French: 3, 1, 5, 1. Geography: 1, 1, 0, 0. Geological Sciences: 4, 2, 3, 2. German: 2, 2, 2, 3. Greek: 3, 1, 0, 0. History: 5, 2, 2, 0. Household Art: 0, 1, 1, 0. Household Science: 1, 1, 1, 0. Hygiene: 2, 1, 4, 1. Irrigation: 2, 0, 0, 0. Italian: 2, 0, 0, 0. Jurisprudence: 7, 1, 2, 0. Latin: 4, 1, 0, 0. Librarianship: 0, 1, 2, 0. Mathematics: 5, 4, 3, 4. Mechanical and Electrical Engineering: 4, 3, 7, 4. Medico-Military Science and Tactics: 1, 0, 0, 0. Military Science and Tactics: 1, 9, 4, 1. Mining and Metallurgy: 3, 2, 0, 0. Music: 1, 1, 0, 1. Oceanography: 2, 1, 1, 1. Oriental Languages: 1, 0, 1, 0. Philosophy: 2, 0, 3, 1. Physical Education: 1, 0, 1, 0. Physics: 4, 4, 4, 1. Physiology: 1, 1, 1, 0. Political Science: 3, 3, 0, 2. Psychology: 2, 2, 0, 2. Public Speaking: 1, 2, 4, 0. Romance Philology: 1, 0, 1, 0. Sanskrit: 1, 0, 0, 0. Semitic Languages: 1, 1, 0, 0. Slavic Languages: 1, 0, 2, 0. Social Institutions: 1, 0, 0, 1. Spanish: 3, 1, 1, 1. Zoology: 4, 1, 2, 0. Naval Science and Tactics: 1, 1, 0, 0. See also Chapters V–VI.

Enrolment for year 1925–26: Total Resident Students, all duplicates deducted: 25,598: Men, 10,720; women, 14,878. At Berkeley: Undergraduate students, 8,689: Men, 4,771; women 3,918. Graduate students (Academic Department) 1,634: Men, 775; women, 859. Students in Professional Schools holding bachelor's degree: 262: Men, 232; women, 30. Total graduates and undergraduates, Fall and Spring Sessions, deducting 97 for graduates who received their degrees as undergraduates, December, 1925, 10,488: Men, 5,739; women, 4,749. Students in Intersession and Summer Session, 1925, 7,386: Men, 2,979; women, 4,749. Total, deducting duplicates: 14,636. At San Francisco: Total in Medical School, Hooper Foundation for Medical Research, Hastings College of Law, College of Dentistry, California College of Pharmacy, Degree Curriculum for Nurses, deducting duplicates: 854: Men, 804; women, 50. At Los Angeles: Southern Branch: College of Letters and Science: 3,594: Men, 1,843; women, 1,751. Teachers College, 2,905: Men, 183; women, 2,722. Special Students, 40: Men, 21; women, 19. Los Angeles Medical Department, 14: Men, 13; women, 1. Sum-

mer Session, 1925, 3,833: Men, 765; women, 3,068. Total, deducting 608 for Summer Session students registered also in Fall Session: 9,887: Men, 2,678; women, 7,100. At other Points: Davis—Branch of College of Agriculture, 161: Men, 156; women, 5. Mt. Hamilton—Lick Astronomical Department; Men, 1. La Jolla—Scripps Institution of Oceanography: Men, 1. Riverside—Graduate School of Tropical Agriculture: Men, 11. Total, deducting 54 for students registered at Davis one-half year and at Berkeley the other half year, and 13 students registered at Mt. Hamilton, La Jolla and Riverside, counted above as Graduate Students at Berkeley, 107: Men, 103; women, 4. Branch of College of Agriculture (Non-degree curriculum): 183. California School of Fine Arts: 793. California School of Mechanical Arts, San Francisco: 651. College of Dentistry, San Francisco (Dental Hygienists): 12. University Hospital: Training School for Nurses (Non-degree Curriculum): 232. In courses of study of more than 10 days and less than one year in length at Branch of the College of Agriculture at Davis: 306.

University Extension: Bureau of Class Instruction: 29,576; Correspondence Course: 6,603; Lectures: 297,802. University Extension in Agriculture: Correspondence courses, 1,551; Farmers' Meetings: 434,232; Agricultural Clubs, 4,500.

Degrees conferred 1925–26: 2,210: Degrees in Pharmacy: 118. (Graduates in Pharmacy, Bachelor of Pharmacy, Pharmaceutical Chemist). D.D.S., 71; LL.B., 27; B.S. and A.B., 1,588; M.S., 38; M.A., 190; Grad. Arch., 3; Ed.D., 3; Grad. P.H., 9; J.D., 57; M.E., 1; Ph.D., 57; M.D., 48. Degrees conferred since foundation: 30,807: degrees in Pharmacy, 1,604; D.D.S., 1,407; LL.B., 1126; B.S. and A.B., 21,700; M.S., 657; M.L., 244; M.A., 1,934; Grad. Arch., 16; Grad. Ed., 2; Ed.D., 14; Grad. P.H., 9; D.P.H., 5; J.D., 465; C.E., 2; E.E., 2; Mech. E., 4; Met.E., 2; Min.E., 4; Ph.D., 487; M.D., 1,123.

At the Southern Branch of the University in Los Angeles there were conferred during the year 1925–26, 271 degrees of B.A. (College of Letters and Science) and 161 degrees of B.Ed. (Teachers College). The Southern Branch has conferred in all since its establishment as part of the University of California: B.A., 400; B.Ed., 344.

Fees: No tuition in academic colleges and Lick Observatory for residents of California. Fee of $75 for students outside of California. Tuition in Medical School: Residents of California $200 a year; others $500. College of Dentistry: Undergraduate residents of California, $150 a year, graduates, $300. Undergraduates from outside California, $170 a year; graduates, $320. $25 incidental fee for all students, unless student registers for less than 5 units of work in resident courses; in this case incidental fee is $12.50 a half-year. School of Jurisprudence has an incidental fee of $50 a half-year for students registering in more than one professional course in law. Laboratory fees, $5 to $30 a year. Military and naval uniform and text-book deposit for basic courses, $15; advanced course deposit, $38. Books and stationery, $18 to $25 a year. Board and lodging, $25 to $75 a month. Ordinary yearly expenses of academic students including personal expenses, at least $800.

Scholarships and Fellowships: Undergraduate scholarships: Approximately 200 of $100 to $600 each. Graduate Fellowships and Scholarships: Approximately 60 of from $100 to $1,900 each.

Research: $83,460.54 available for research, 1925–26. Grants for prosecution of research projects made to departments and to individual members of the faculty by the President of the University on recommendation of the Board of Research. For 1925–26, 79 grants, aggregating $81,098.34 were made. Total number of departments represented in grants, 30.

Employment bureau: Approximately 75 per cent earn way in whole or in part. Bureau of Occupations placed 3,827. Total earnings reported to office: $850,000. Total number of students reporting: 1,600; 700 women and 900 men.

Dates of beginning and ending sessions: In general: August 15 to December 15; January 15 to May 15.

Summer Session: May 14 to July 23, 1928.

(Berkeley); June 25 to August 4, 1928. (Los Angeles).

Attendance, 1926: Berkeley Intersession, 2,040; Summer Session, 4,976; Los Angeles, 3,647.

Publications: Circulars of Information and Announcements of all departments. Catalog of Officers and Students, published in October and February; Annual Register; President's Annual Report. University Press has issued 220 volumes and issues four scholarly periodicals; "Lick Observatory Bulletin," established 1901; "University of California Chronicle," quarterly, established 1898; "Meteorological Synopsis of Berkeley," monthly, established, 1887; "Bulletin of the Seismographic Stations," semi-annually, established 1910.

Administrative officers: President, William W. Campbell; Dean of the University, Walter M. Hart; Dean, Graduate Division Charles B. Lipman; Dean Undergraduate Division and Summer Session, in Los Angeles, Thomas M. Putnam; Dean, Summer Sessions, Harold L. Bruce; Dean of Women, Lucy W. Stebbins; Dean of Men, Charles G. Hyde; Acting Dean, College of Letters and Science, Raymond G. Gettell; Dean, College of Agriculture and Director, Agricultural Experiment Station, Elmer D. Merrell; Dean, College of Mechanics, Clarence L. Cory; Dean, College of Mining, Frank H. Probert; Dean, College of Civil Engineering, Charles Derleth, Jr.; Dean, College of Chemistry, Gilbert N. Lewis; Dean, College of Commerce, Stuart Daggett; Dean, School of Education, William W. Kemps; Dean, School of Architecture, John G. Howard; Dean, School of Jurisprudence, O. K. McMurray; Director, Division of Vocational Education, E. A. Lee. Recorder and officer in charge of foreign students, James Sutton.

At Davis, California: Director, Branch of the College of Agriculture, W. L. Howard.

At Mt. Hamilton: Director, Lick Observatory, William W. Campbell.

In La Jolla: Director of Scripps Institution of Oceanography, T. W. Vaughan.

In San Francisco: Dean, California School of Fine Arts, E. Spencer Mackay; Dean, Hastings College of Law, William W. Simmons; Acting Dean, Medical School, and Director, University Hospitals, L. S. Schmitt; Director, George Williams Hooper Foundation for Medical Research, K. F. Meyer; Dean, College of Dentistry, Guy S. Millbury; Dean, California College of Pharmacy, Franklin T. Green.

In Los Angeles: Dean, Los Angeles Medical Department, George H. Kress; Director, Southern Branch of the University of California, Ernest C. Moore; Dean, College of Arts and Letters, Charles H. Rieber; Dean, Teachers College, M. L. Darsie.

UNIVERSITY OF CALIFORNIA SOUTHERN BRANCH

See: University of California.

UNIVERSITY OF CHATTANOOGA

CHATTANOOGA, TENNESSEE

College of Arts and Sciences. Professional schools in Medicine, Law, and Theology dropped in 1910 to 1913. Coeducational. Privately controlled, under auspices of Methodist Episcopal Church.

University of Chattanooga is the successor of two older institutions: East Tennessee Wesleyan University, established at Athens, Tennessee, in 1866; and Chattanooga University, established in Chattanooga in 1886. Present charter and name received November 6, 1903. The departments at Athens became independent in 1925.

Self-perpetuating Board of 36 Trustees, two-thirds of whom must be members of the Methodist Episcopal Church.

Endowment: $802,000. Income from endowment, $50,000. Income from tuition and fees, $53,000. Miscellaneous income, $9,880. Total budget, 1926–27, $112,880.

Grounds and buildings: Dormitory for 24 women. Value of grounds (15 acres), $600,000. Total present worth of 9 buildings, $500,000. Total value of grounds, buildings and equipment, $1,200,000. Main quadrangle of 4 buildings is Tudor-Gothic architecture; erected 1917–19.

Library, 15,000 volumes; 50 current periodicals.

Biology and Chemistry laboratories oc-

cupy an entire building. Physics Hall. Value of scientific apparatus, $30,000.

Health program: Gymnasium; athletic field. Mass athletics being developed. Physical education required in first two years.

Admission requirements: 15 units.

Degree requirements: 126 units required. Graduate must have average of C (75–84) for entire course. Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration. Curriculum in first two years is made up largely of required subjects. The last two years it offers opportunity for free election outside of usual major and minor requirements. Honors courses for seniors, with thesis and general examination. Candidate for honors courses must have average of B (85–92), and have completed all requirements except for major and minor.

Chapel attendance three times a week required.

Departments and Staff: Bible: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 0, 0. City Government: 1, 0, 0, 0. Commerce: 1, 0, 0, 0. Economics: 1, 1, 0, 0. Education: 1, 0, 0, 0. English Literature: 1, 0, 0, 0. English Rhetoric: (Public Speaking): 1, 0, 0, 0. French: 1, 0, 0, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 1, 0. Physics: 1, 0, 0, 0. Physical Education: 0, 1, 0, 1. Psychology: 1, 0, 0, 0. Religious Education: 1, 0, 0, 0. Spanish: 1, 0, 0, 1.

Enrolment year ending June 30, 1926: Men, 216; women, 166.

Degrees conferred year ending June 30, 1926: B.A., 35; B.Sc., 20; B. of Business Administration, 5. Degrees conferred since foundation: A.B., 381; B.S., 168; B.B.A., 13; B.D., 104 (discontinued); Lit.B., 9 (discontinued); Ph.B., 36 (discontinued); LL.B., 6 (discontinued).

Fees: Annual college fee, $180. Approximate cost of board and room, $325, average; or, from $250 to $400. Graduation fee, $10. Laboratory fees from $4 to $12 a course.

Scholarships of $12,000 value, awarded annually. Student loan funds available.

Employment bureau: 80 per cent of men, 30 per cent of women, earned way in whole or in part during year ending June 30, 1926.

Dates of beginning and ending sessions: First semester, September 14, 1927; Second semester, February 6, 1928.

Summer session: Eight weeks. Instruction in Education, Economics, Biology, Chemistry, English, French. Attendance in 1925, 110.

University extension in late afternoons and Saturday mornings, especially for public school teachers. Number enrolled in 1926, 138.

Publications: College bulletin, including catalog.

Recent achievements: $300,000 added to endowment since June 15, 1923. Adolph S. Ochs Department of City Government, Religious Education, and Music inaugurated in autumn of 1926. Honors courses, Freshman week, sectioning on the basis of ability, and Orientation courses developed.

Administrative officers: President, Arlo Ayres Brown, D.D.; Dean, Paul L. Palmer; Dean of Women, Ruth Clark Perry; Director of Admissions, Frank Finlay Hooper; Registrar, Betty Blocker.

THE UNIVERSITY OF CHICAGO

CHICAGO, ILLINOIS

Privately controlled University for men and women.

The first president of the University, William Rainey Harper, entered upon his duties July 1, 1891, and the doors of the University were opened for instruction October 1, 1892. The schools and colleges organized at that time included the colleges of Arts, Literature and Science, the Graduate Schools of Arts, Literature and Science and the Divinity School. School of Education, 1901. School of Commerce and Administration, 1902. Law School, 1902. School of Social Service Administration, 1920. Schools of Medicine, including (1) Graduate Medical School of Ogden Graduate School of Science, 1925; (2) Rush Medical College (affiliated, 1898), 1925; (3) Rush Postgraduate School of Medicine, 1925. Graduate Library School, 1926. Nursing School, 1925.

Board of 25 trustees, three-fifths of whom "shall be members of regular Baptist churches."

The University includes: (1) The Graduate and Professional Schools; The Graduate School of Arts and Literature, the Ogden Graduate School of Science, the Graduate School of Medicine (including the Graduate School of Medicine of the Ogden Graduate School of Science, Rush Medical College, and the Rush Postgraduate School of Medicine), the Divinity School, the Law School, the School of Education, the School of Commerce and Administration, the Graduate School of Social Service Administration; (2) the Colleges of Arts, Literature and Science; (3) the Laboratories, Libraries, Clinics, Museums and Hospitals; (4) the University Press.

Endowment, $35,303,567.43. For fiscal year, 1925–26, income from endowment, $1,791,272.14. Income from other sources, $2,169,446.38. Total expenditures, $3,955,309.18. Total gifts received during 1925–26, $4,490,698.17. Budget, 1926–27, $4,241,634.

Total value of grounds (100 acres), $5,091,618.29. Total cost of buildings, $7,329,987.67. Total cost of buildings, grounds and equipment, $14,898,255.73. Twelve residence halls (700).

Libraries: Harper Memorial Library (1912). Total number of volumes in the University Libraries about 1,000,000; governmental documents about 60,000; 4,143 current periodicals. Special collections: The American Bible Union Collection (Bibles and Commentaries); Atkinson Collection of American Drama; Nicholas Bacon Collection of Bacon family Manuscripts; Baist Collection of Romance Philology; Balzac Collection; Boeckh Collection of Statistics; Burnham Collection of Astronomy; Charles R. Crane Collection of Russian Literature and History; Durrett Collection of Kentucky History; Eckels Collection of Cromwelliana; Escoto Collection of Spanish-American Literature and History; Flügge Collection of Medicine and Bacteriology; Henry L. Frank Collection of German Literature and History; Mortimer Frank Collection of Anatomy and Physiology; Gunsaulus Collection of Early Printed Books; Hall Collection of Geology and Paleontology; Hengstenberg Library (Old Testament); Hirsch-Bernays Collection of German Literature; Emma B. Hodge Collection (The Reformation); George E. Hooker Collection (City Planning); Howard Collection (Matrimonial Institutions); Huber Collection of Music; Littlefield Collection of Early Text books; William Vaughn Moody Collection of American Literature; Spinoza Collection; Stensland Collection of Scandinavian Literature and History. The Walker Museum: Mineralogical, Paleontological, and Geological collections. Haskell Oriental Museum: History and achievements of man in Egypt and Western Asia.

Yerkes Observatory, located at Williams Bay, Wisconsin; principal instrument a refracting telescope of 40 inches aperture.

Health program: Applicants for admission to Colleges of University are required to submit health certificates in advance, and after admission, to pass a physical and medical examination conducted by the University Health Officers. Each student in the Junior Colleges is required to take such work as is prescribed by the Department of Physical Culture and Athletics to meet his or her individual need. Ida Noyes Hall (1916). Playing field for women. Frank Dickinson Bartlett Gymnasium (for men) (1904). Stagg Field. Grand stands.

Admission requirements: 15 units. No conditions are allowed. In addition to a minimum of 3 units in English, each student must offer 3 units in one field of concentration and 2 units in another. At least 10 of the units offered must be from subjects which are ordinarily designated as academic, while 5 may be selected from any secondary school subjects accepted by an approved school for its diploma. Only students whose academic work has been of good quality, and who present evidence of adequate mentality, seriousness of purpose, intellectual promise, and such personal characteristics as will make them desirable members of a college community are admitted.

For admission to the Graduate Schools of Arts, Literature and Science and the graduate professional schools, a degree from an approved college is required. For a bacca-

laureate degree (A.B., S.B., Ph.B.) a student must complete, with an average "fair" record in all courses taken, at least 36 majors (120 semester hours) including a coherent and progressive sequence of at least 9 majors in one department or group of departments, and a similar sequence of at least 6 majors in another department or group of departments. The distribution requirements are defined in terms of the total accomplishment in the secondary school and the college. There is a specific college requirement of at least 2 majors in English Composition.

Through the Faculty of the Graduate School the University confers the degrees of Master of Arts, Master of Science, Doctor of Philosophy, and Juris Scientiæ Doctor, and through its professional schools the degrees of Bachelor of Divinity, Bachelor of Laws, Doctor of Laws (J.D.), and Doctor of Medicine.

A Field Artillery Unit of the Reserve Officers Training Corps is supported and maintained by the joint efforts of the University and the United States Government. Courses in the department are elective and are credited toward a Bachelor's Degree.

Departments and Staff: Anatomy: *Professors*, 4; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 3. Art: 1, 0, 0, 7. Astronomy: 3, 3, 0, 3. Botany: 3, 3, 3, 0. Chemistry: 3, 0, 5, 4. Comparative Philology: 3, 0, 0, 0. Comparative Religion: 0, 1, 0, 0. Economics: 5, 0, 1, 0. English Language and Literature: 11, 2, 3, 5. General Literature: 1, 1, 0, 1. Geography: 4, 1, 1, 1. Geology: 5, 2, 2, 0. German: 4, 2, 3, 0. Greek: 2, 1, 1, 2. History: 5, 3, 2, 4. Home Economics: 1, 1, 6, 4. Hygiene and Bacteriology: 1, 3, 1, 4. Latin: 4, 0, 0, 1. Mathematics: 6, 1, 4, 1. Military Science: 1, 0, 1, 2. New Testament: 3, 0, 0, 0. Oriental Languages: 7, 2, 2, 0. Pathology: 3, 2, 6, 7. Philosophy: 4, 0, 2, 0. Physical Culture: 1, 2, 3, 6. Physics: 3, 2, 1, 2. Physiology: 4, 1, 1, 1. Physiological Chemistry: 2, 0, 1, 1. Political Science: 3, 0, 3, 2. Psychology: 1, 3, 1, 3. Romance Languages: 8, 4, 6, 6. Sociology: 2, 3, 1, 2. Zoology: 3, 4, 0, 0. School of Commerce and Administration: 4, 4, 9, 8. School of Education: 14, 7, 7, 3. Divinity School: 7, 3, 3, 2. Law School: 9, 0, 1, 0. School of Nursing: 0, 2, 0, 0. School of Social Service Administration: 2, 0, 3, 3. Rush Medical School: 22, 15, 41, 46. See also Chapters V–VI.

Enrolment for year ending June 30, 1926: 14,472: Men, 6,908; women, 7,564. Graduate Schools and Colleges of Arts, Literature and Science: Graduate: 5,203: Men, 2,783; women, 2,420. Senior Colleges: 2,917: Men, 1,111; women, 1,806. Junior Colleges: 2,598: Men, 1,259; women, 1,339. Unclassified: 1,731: Men, 550; women, 1,181. Divinity School: 551: Men, 456; women, 95. Medical Schools: 651: Men, 574; women, 77. Law School: 458: Men, 434; women, 24. School of Education: 1,127: Men, 174; women, 953. School of Commerce and Administration: 717: Men, 584; women, 133. Social Service Administration: 189: Men, 17; women, 172. Total number of matriculates since foundation: 123,100.

Degrees conferred year ending June 30, 1926: 1,646. Total number of degrees conferred since foundation: 22,262. Total number of people receiving these degrees: 19,785: Bachelors, 14,237; Masters, 4,135; Doctor of Philosophy, 1,891; Professional: D.B., 452; LL.B., 249; J.D., 1,022; J.S.D., 2; M.D., 274.

Fees and other expenses: Matriculation, $10 for all students. Graduation fee, $10 for Bachelors and Masters; $15 for Doctors. Tuition, Colleges of Arts, Literature and Science, and College of Education, $90 a quarter plus such laboratory and material fees as each course may require. Maximum laboratory and materials fee for one major, $6. Graduate Schools of Arts and Literature, and Science, Divinity School and Graduate School of Social Service Administration, $60 a quarter. College of Commerce and Administration, $100 a quarter (including materials fees). Law School, $90 a quarter. Medical School, $90 a quarter (including laboratory fees). Low average annual (9 months) expense including tuition and living expenses $825; liberal, $1,500.

Scholarships and Fellowships: Honor Entrance and Prize Scholarships are awarded

to a limited number of students of high rank on the basis of recommendation from schools and competitive examinations. Honor Scholarships are also awarded to a limited number of students who have shown exceptional ability in the work of the first, second, and third years in the colleges. A number of privately endowed scholarships are likewise maintained.

The La Verne Noyes Foundation, established July 5, 1918, provides tuition scholarships for veterans of the great war or their descendants.

Estimated percentage of students who earn some part of money with which to meet their University expenses 65 per cent. Earnings reported to Employment Bureau by 2,100 students: $120,000.

The University year is divided into quarters: the Autumn (October, November, December); the Winter (January, February, March); the Spring (April, May, to the middle of June); the Summer (from the middle of June, July, August). Students are admitted at the opening of each quarter; graduation exercises are held at the close of each quarter.

The unit of work and of credit is a major, i. e., a course of instruction involving four or five recitations or lecture hours a week for a full quarter. A minor is the same amount of work for a term of six weeks. Normal work is three majors a quarter, or nine a year of three quarters.

The Summer Quarter is one of the four periods of instruction of the University year and begins about the middle of June, extending to about the first of September of each year. Regular courses of instruction in all the departments of the University are offered throughout the Summer.

Enrolment in the Summer Quarter, 1925: 6,577.

University College, the downtown college of the University, offers regular academic courses in the central part of the city during late afternoon, evening and Saturday hours. The instructors are regular members of the University Faculties; the courses are the same in amount and quality as other University courses, and they are fully accredited as residence work toward University degrees. The Home Study Department provides instruction in High School, college and certain professional subjects for those who are unable to attend the University in person. More than 450 courses are now being offered by correspondence by members of the University Faculties.

The American Institute of Sacred Literature offers courses of non-resident study in the Bible, Theology and subjects related to religious education.

Bibliographical references: Thomas Wakefield Goodspeed, "A History of the University of Chicago, 1891–1916."

Administrative officers: President, Max Mason; Vice-President and Dean of Faculties Frederic Campbell Woodward; Vice-President and Business Manager, Lloyd Randol Steere; Chairman of the Women's Council, Edith Foster Flint; Recorder and Examiner, Walter A. Payne; Dean, Graduate School of Arts and Literature, Gordon Jennings Laing; Dean, Ogden Graduate School of Science, Henry Gordon Gale; Dean, Divinity School, Shailer Mathews; Director, School of Education, Charles Hubbard Judd; Dean, School of Commerce and Administration, William Homer Spencer; Dean, Law School, James Parker Hall; Dean, Graduate School of Social Service Administration, Edith Abbott; Dean of Medical Students, Basil Coleman Hyatt Harvey; Dean, Rush Medical College, Ernest Edward Irons; Dean, Colleges of Arts, Literature and Science, Chauncey Samuel Boucher; Dean, College of Education, William Scott Gray.

UNIVERSITY OF CINCINNATI

CINCINNATI, OHIO

Municipal university. Coeducational. Non denominational.

Founded in 1870. On his death, in 1858, Charles McMicken gave to the city of Cincinnati most of his estate, valued at about $1,000,000, for the purpose of establishing and maintaining "two colleges for the education of white boys and girls." Nearly half of the property devised by Mr. McMicken, situated in the State of Louisiana, was entirely lost, in 1860, by a decision of

the Supreme Court of that state, annulling that part of the devise. As the rest of the property, that in Cincinnati and vicinity, did not yield an income sufficient to provide for the establishment of the two colleges, the revenue derived from the estate was for 10 years applied to its improvement. For some years after 1869, the trustees gave financial assistance to a School of Design, transferred in 1884 to the Cincinnati Museum Association. But in 1870, Cincinnati incorporated the University of Cincinnati. In 1872 additional legislation enabled the city to issue bonds to provide a suitable building. In the meantime the Academic Department, now the College of Liberal Arts, was established, its courses being given for a while by the teachers of Woodward High School. The income from the original fund having proved inadequate, the city, in 1893, undertook to aid in the support of the University through public taxation, allowing three-tenths of a mill, and, in 1906, five-tenths. The College of Engineering, organized under that name in 1900 and becoming a distinct department in 1904, developed out of a chair of Civil Engineering in the College of Liberal Arts. When, in 1887, the Clinical and Pathological School of the Cincinnati City Hospital organized, it was affiliated with the University, being designated the Medical Department. In 1896 the Medical College of Ohio became the College of Medicine of the University; since then the Clinical and Pathological School has been known as the Department of Clinical Medicine. The College of Education organized in cooperation with the Board of Education in 1905. In 1906 the Graduate School established as a distinct college. In 1909 the Miami Medical College became an integral part of the University and the new College of Medicine of the University of Cincinnati was established. In 1916, under the new City Charter, the Medical College and Cincinnati General Hospital were fused into a single organization which is administered by the Board of Directors of the University. In 1912 evening classes of the College of Liberal Arts were established. In 1912 the College of Commerce was organized, and in 1919 was made a part of the College of Engineering, which is henceforth to be known as the College of Engineering and Commerce. In 1912 also the Bureau of City Tests was established in the Engineering College in connection with the Engineer's office of the Department of Public Service of the city. In 1916 the Department of Hygiene and Physical Education was organized. In the same year the Cincinnati Hospital Training School for Nurses became the School of Nursing and Health, a department in the College of Medicine. In 1918 the Cincinnati Law School became the College of Law of the University. In 1922–1923, the School of Applied Arts was organized. In 1924, the School of Household Administration was established.

Board of 9 Directors appointed by the Mayor, one each year, for a term of 9 years.

Amount of endowment (for fiscal year, 1925): $5,680,252.30. Total current income, $1,483,000.95. Income from endowment, $350,508.45. Income from other sources, $1,132,492.50; Student fees, $520,461.61; City tax, $488,262.64; Gifts for current use, $84,204.52; U. S. Government allowance on military uniforms, $230.56; Miscellaneous sales, etc., $35,657.43; Interest on deposit and student notes, $3,675.74. Total current expense for year, 1925, $1,458,209.59. Extraordinary income, $1,825,045.65; Gifts for additions to endowment, $401,590.66; Gifts for additions to buildings, $337,493.42; Investments matured or sold, $1,085,961.57. Total income, year 1925, $3,308,046.60. Expense, $3,088,719.42. Extraordinary expense, $1,630,509.83. Additions to buildings and grounds, $434,963.39; Investments, $1,195,546.55. Notable financial items for year 1925: Sum of $434,963.39 paid for buildings and additions to buildings and roads. Sum of $401,590.66 received for additional endowment.

Grounds and buildings: One dormitory for men (250). Total value of grounds, 81.55 acres, approximately $778,348.69. Cost of buildings, $2,755,682.92 (appreciation not less than 50 per cent). Total value of grounds, buildings and equipment, $4,564,684.66.

Library (1900): Eight departmental li-

braries: Engineering and Commerce, Applied Arts, Medicine, Law, Nursing and Health, Geology, Chemistry, and Political Science. Total number of volumes in system (including government documents) as of September 1, 1926: Main library, 97,434; departmental libraries, 29,327. Number of current periodicals as of January 1, 1927, 1,340. Special collections: Architecture and Applied Arts (Japanese art, 5,000 volumes): Classics, including Classic and Romance Philology; Chemistry (periodicals).

Laboratories: Chemistry Building (1916), cost $209,804.07. Old Tech Building (1902, 1909, 1916), cost $66,169.27. Tanners Building (1924), cost $97,959.86. Swift Hall, in course of erection, cost $112,985.68. Cunningham Hall (1899), cost $60,000. Hanna Hall (1896, 1916), cost $65,794.93. Value of equipment in principal departments: Botany, $21,086.53; Chemistry and Chemical Engineering, $71,777.31; Electrical Engineering, $39,054.56; General Engineering and Commerce, $51,679.11; Graduate School, $14,460.61; Mechanical Engineering, $38,204.12; Observatory, $34,873.96; Physics, $42,403.57; Zoology, $17,138.52.

Observatory Building (1873), cost $29,000. Mitchell Building (1904, 1912), cost $11,725.74.

Health program: Director of Gymnasium is a physician. Medical examination of all Freshmen at entrance. Two years Physical Education required of all candidates for a degree in the College of Liberal Arts, and 2 years Military Science required of all students in the College of Engineering and Commerce. Gymnasium (1911), cost $98,999.78. Cost of athletic field, $11,792.72. Cost of stadium, $209,042.54.

Admission requirements: In the *College of Liberal Arts*, each candidate for entrance must be at least 16 years of age and must present 15 units, including English 3, Mathematics 2, History 1, Foreign Language 2 units in one of these languages: Latin, Greek, French, Italian, German, Spanish. Four or more units selected from English, Mathematics, Foreign Language, History, Physics, Chemistry, Zoology, Physiology, Botany, Physical Geography, Economics, and Astronomy. A grade of 80 per cent or above in 8 of the 15 units, of which at least 5 grades must have been obtained in the last 2 years of high school work. In the *College of Engineering and Commerce*, candidates for entrance must be at least 17 years of age; 15 units, including English 3, Algebra 1, Plane Geometry 1, Solid Geometry ½, History 1; 5½ units from English, Mathematics, Language, History, Physics, Chemistry, Zoology, Botany, Physical Geography, Commercial Geography, Astronomy, or Physiology. A grade of 70 per cent or above is required. Candidates for admission as regular undergraduates in the *College of Education* must have completed 2 years of acceptable college work (i.e., a minimum of 60 credit hours and 60 quality points, including 6 semester hours in General and Educational Psychology) in a College of Liberal Arts, and be formally admitted into the College of Education. Candidates for admission to any class in the *College of Medicine* must present the following: A formal application accompanied by a statement of the high school and college attended. Sixty semester hours of premedical work (completed in a college of satisfactory standing) are required. Two certificates of character. A recent photograph. A certificate of successful vaccination. A certificate issued by the Ohio State Medical Board of Examiners. Candidates for the degree of LL.B. must have taken at least 2 years' work (60 credits or the equivalent) in a college of Liberal Arts or Sciences at some approved university. Before registering, they must forward their credentials showing the above credits.

Degree requirements: Degrees of Master of Arts and Master of Science: One full year of graduate study. Thesis. Oral examination. The Graduate Faculty may, upon recommendation of the departments concerned, accept work done in residence in other qualified universities, but the last half year must be in residence at this University. For the *Doctor's degree*, 3 years of graduate study. The final third of the total work required must be done at the University of Cincinnati. Each candidate must show a reading knowledge of French and German

in his field of study at least one year before receiving the degree. Printed thesis. Oral examination. *For B.A.*, 124 credits, of which 56 must be taken in prescribed subjects; 30 must be taken under the direction of the student's advisor in the major group of studies, and 38 may be elected freely. One credit in the scale of University work is a subject taken for one period a week for one semester. In all laboratory courses, 2½ hours in the laboratory are considered equivalent to one recitation hour and preparation therefor. An average of at least "C" (70–79 per cent), which will be computed in terms of quality points. Two years of gymnasium work. At least the last year of work required for the degree must be spent in residence at the University of Cincinnati. If, however, he has already spent three years in residence at the University, and if he has completed his quality point requirement and lacks not more than six credits toward his degree, he may secure these credits elsewhere, provided the courses and the institution attended be approved beforehand by the Committee on Advanced Standing, and by the heads of the departments in which he plans to pursue work. *College of Engineering and Commerce:* The curriculum for the first year of the cooperative course in all branches of engineering and commerce is nearly uniform, including Mathematics, Mechanics, general Inorganic Chemistry, and Engineering Drawing. *For Degree of Chemical Engineer:* The cooperative course in Chemical Engineering requires five years of eleven months each for completion. During half of this time, at regularly alternating periods, the student attends the University for instruction, while the other half of his time is spent in selected factories where he obtains the necessary practical experience under actual commercial conditions. 341 credit hours required, including 89 hours of summer work. *Degree of Civil Engineer:* Required credit hours, 329, including 78 hours of summer work. *Degree of Commercial Engineer:* Required credit hours, 288, including 80 hours of summer work. Thesis. *Degree of Electrical Engineer:* 295 required credit hours, including 74 hours of summer work. *Six-Year Course in General Engineering:* In certain types of industrial plants, the more or less distinct lines of demarcation between the various types of engineering are disappearing. Men with a good knowledge of engineering in general are in demand since these industries, in their production and research operations particularly, cover construction work and utilize mechanical, electrical, and chemical principles. To meet this demand, the College of Engineering and Commerce has organized a 6-year cooperative course, which involves a larger amount of Physics, Chemistry, and Mathematics than that taught in the usual engineering courses. Students who have completed the pre-Junior year with credit and with marked ability in the subjects mentioned are eligible for registration in the 6-year course. This registration takes place at the beginning of the fourth year. The students in this course are given special training in advanced Mathematics and Science, the work being under the Professor of Physics and a committee consisting of the heads of the major departments. In the latter years, particularly, a large part of their work is in scientific research at the University, and their outside work is in the research departments of the larger engineering enterprises with which the University cooperates. By arrangement with the Graduate School of the University, these students are matriculated in their sixth year in the Graduate School as well as in the Engineering School, and at the completion of their course they receive a technical engineering degree from the College of Engineering and Commerce and the Master of Science degree from the Graduate School. The purpose of this course is to provide a thorough training in the advanced principles and practical applications necessary for the solution of new and complex problems in engineering. Specialization is confined largely to the outside work and to the choice of special problems and thesis subjects, but two general options are provided; one for those interested primarily in Civil, Electrical, and Mechanical engineering, and the other for those especially inclined toward the Chemical industries. Required credit hours 211, including 31 hours of summer work. *Geological Engineering:* A 5-year co-

operative course, leading to the degree of Geological Engineer. First two years identical with Chemical Engineering schedule, including second summer term. 174 additional credit hours, including 22 hours summer work. *Mechanical Engineering:* For degree of Mechanical Engineer: 308 required credit hours, including 69 hours summer work. *College of Education:* All programs in the College of Education require the completion of two years' Liberal Arts work as prerequisite to entrance. The professional programs are arranged around a core of educational courses, and, in general, no special program is permitted to vary from the educational constant herein set up. This provides for (1) introducing the student to the fundamental fac s of human nature upon which learning and teaching are based, (2) surveying current educational conditions and problems and the historical background of each, (3) solving the problems raised so far as teaching method and best school practice can solve them, (4) scientifically measuring the results of teaching, (5) teaching for half-time under supervision in the Cincinnati Public School system, with supplementary practicum and advanced instruction. With the completion of any one of the 3-year professional courses in a satisfactory manner, the student is awarded the degree of Bachelor of Education in his chosen teaching field. In case he qualifies in all respects for teaching, he becomes eligible for a State Provisional Certificate to teach within the field of his specialization. If the student desires, he may receive according to his program of study the degree of B.A., or the degree of B.S. in Education in a special field upon completing the first two years of his professional curriculum. *College of Medicine:* The student must possess a medical student's entrance certificate issued by the examiner of the Ohio State Medical Board. He must have been in residence in this Medical College, or one recognized by the University of Cincinnati, for at least four years. His last year of residence must have been in this College. He must have attended at least 80 per cent of all the scheduled appointments of the courses, and have attained a grade of at least 75 in all of the required courses, and an average grade of not less than 80 during his Junior and Senior years. On successful completion of the first four years of Medical College work, the student will be recommended to the Board of Directors of the University for the degree of Bachelor of Medicine. On successful completion of the fifth year, consisting of a year's service in a hospital, scientific laboratory, or in a field of public health, the student will be recommended to the Board of Directors of the University for the degree of Doctor of Medicine. Additional requirements are specified in the catalog. *School of Nursing and Health:* For the degree of B.S. and the diploma of Graduate Nurse: Completion of pre-nursing course of two years in the College of Liberal Arts. Completion of diploma course of study, 72 hours including nursing practice. A diploma of Graduate Nurse is given to those approved candidates who have fulfilled the entrance requirements and have completed the 72 credit hours described in the plan which includes nursing practice, together with the theoretical work. A certificate is awarded by the School of Nursing and Health to special students who are graduate nurses, upon the completion of a duly approved group of selected subjects that included nursing practice or field work in public health nursing. *School of Applied Arts:* The work of the first two years is composed largely of fundamental courses: History of Architecture, Archæology, Ancient, Mediæval, and Modern History, French, Historical Literature, Principles of Design, Freehand Drawing and Water Color, Modeling, and History of Mediæval and Modern Art. The latter years are devoted chiefly to professional courses in the various fields. The courses are open to both men and women. The courses for men are on the cooperative basis throughout the five years. Women are in school full time for the first two years, and at the beginning of their third year may elect either of the plans for completion of their work: (1) two years of full time in school, or (2) three years on the cooperative plan. *Degree of Bachelor of Science in Architecture:* Five-year cooperative plan for men. Required credit hours 217, including 80 hours of summer work.

For B.S. in Landscape Architecture: Freshman and Sophomore years are given under Architecture. Five-year cooperative plan for men. Additional credit hours required: 177, including 43 hours of summer work. *For B.S. in Architecture:* 4-year regular plan for women. 82 credit hours required. *For B.S. in Landscape Architecture:* 4-year regular plan for women. Freshman and Sophomore years given under Architecture. 88 credit hours, including 22 summer work. *For B.S. in Interior Decoration:* 4-year regular plan for women. 120 credit hours required. *School of Household Administration:* The degree of B.S. is conferred at the end of the second year in the School of Household Administration to those students who have completed satisfactorily the work scheduled under the respective curricula. A professional degree of Bachelor of Household Administration will be conferred at the end of the third year in the School of Household Administration. *College of Law:* For LL.B., 3 years.

Departments and Staff: Anatomy: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 5. Applied Arts: 3, 0, 6, 7. Astronomy: 1, 1, 1, 0. Bacteriology and Hygiene: 1, 2, 1, 2, Biochemistry: 2, 0, 0, 2. Botany: 1, 1, 2, 1. Chemistry: 1, 1, 2, 1. Chemical Engineering: 3, 0, 2, 3. Civil Engineering: 2, 1, 1, 1. Classics: 2, 1, 1, 2. Commercial Engineering: 4, 2, 1, 3. Contagious Diseases: 1, 1, 0, 0. Coordination: 1, 0, 6, 1. Dentistry: 1, 0, 0, 0. Dermatology and Syphilology: 1, 0, 0, 3. Dispensary Instruction: 1, 0, 0, 0. Economics: 1, 2, 0, 0. Education (including Physical Education): 5, 3, 8, 1. Electrical Engineering: 1, 1, 1, 1. English (L.A.): 4, 2, 3, 3. English (E. & C.): 1, 0, 0, 3. Geology (L.A.): 2, 0, 1, 1. Geology (E. & C.): 0, 1, 2, 1. German: 1, 1, 1, 0. Gynecology: 2, 1, 0, 4. Heliotheraphy: 0, 0, 0, 1. History: 2, 1, 1, 0. Hospital Administration: 1, 0, 0, 0. Household Administration: 3, 0, 0, 2. Hygiene: 1, 0, 1, 5. Law: 13, 0, 1, 1. Mathematics (L.A.): 2, 1, 1, 2. Mathematics (E. & C.): 1, 3, 6, 7. Mechanical Engineering: 2, 0, 1, 2. Medical Art: 0, 0, 1, 0. Medical Jurisprudence: 1, 0, 0, 0. Medicine: 3, 3, 4, 11. Military Science: 1, 0, 4, 0. Modern Language: 0, 0, 1, 0. Neurology: 1, 0, 1, 2. Nursing and Health: 1, 0, 0, 18. Obstetrics: 0, 1, 0, 2. Opthalmology: 2, 0, 2, 3. Orthopedic Surgery: 1, 1, 0, 2. Oto-Laryngology: 2, 0, 0, 6. Pathology: 1, 1, 0, 0. Pediatrics: 1, 3, 4, 5. Philosophy: 3, 1, 0, 1. Physiology: 1, 1, 1, 1. Physics (L.A.): 2, 0, 1, 0. Physics (E. & C.): 1, 1, 0, 4. Psychiatry: 0, 1, 2, 0. Psychology: 1, 1, 2, 0. Radiology: 0, 1, 1, 2. Romance Languages: 1, 2, 1, 3. Sociology: 1, 0, 1, 1. Surgery: 5, 4, 4, 6. Therapeutics: 0, 1, 0, 1. Tuberculosis: 0, 1, 0, 0. Urology: 2, 0, 0, 3. Zoology: 1, 0, 2, 1.

Enrolment for year ending June 30, 1926, 6,611: Men, 3,925; women, 2,686. Total number of matriculates since founding of University, 80,718.

Degrees conferred year ending June 30, 1926: 499: A.B., 137; B.S., 26; B.E., 57; Chem.E., 10; C.E., 15; Com'l E., 22; E.E., 9; Met.E., 4; M.E., 16; B.S. (Ed.), 53; B.S. (App. Arts), 3; B.S. (Com.), 2; LL.B., 19; M.B., 55; D.D.S., 40; M.A., 32; M.S., 12; Ph.D., 10; B.S. (H. Adm.), 2. Total number of degrees conferred since 1874, 13,869.

Tuition and fees: Tuition in the Graduate School is charged to all students at the rate of $7.50 a credit hour a semester for those taking less than 8 hours; those taking 8 hours or more are charged $50. Tuition in the College of Liberal Arts and the College of Education is free to regular students who are citizens of Cincinnati. Summary of Expenses: Resident Tuition fees: School of Applied Arts, Household Administration, Engineering and Commerce, $150; School of Medicine, $300; School of Law, $200. Non-resident Tuition fees: Graduate School, School of Liberal Arts or School of Education, $150; Schools of Applied Arts, Household Administration, Engineering and Commerce, $200. Library fee, $5. Gymnasium fee, $5. Incidental fees, $40. Student Activity fee, $15. Laboratory fees vary according to courses taken. Books, $20 to $60. Board and room, $8 a week up. Total expense a year for non-resident students (including board and room, clothing, transportation, books, tuition and fees, amusements,

and miscellaneous expenses) approximately $1,000 to $1,500.

Scholarships and fellowships: Schools: Arts and Sciences, 17 of $50 to $375; Engineering, 11 of $50 to $600; Medicine, 15 of $80 to $1,500; Graduate, 17 of $500 to $525 each.

Research funds: Income from Donations (1925): Leather Research, $36,500. Lithographic Research, $5,094.68. Sound Research, $1,500. Physiology Research, $1,846.32. Geological and Industrial Survey, $24,250.

Dates of beginning and ending sessions: September 26, 1927; June 16, 1928.

Summer Session: June 13 to September 3, 1928; 16 departments offered 75 courses in 1926. Attendance, 1925, 718.

University extension: Adult Education (Teachers), 342. Unclassified students, 378. Evening, 2,512; Academic, 881; Commercial, 1,631.

The University Record comprises the President's Annual Report, the General Catalog, and Announcements of the Schools and Colleges, etc. "The University Studies"; research by members of the faculty or by other persons connected with the University of Cincinnati.

Achievements of year ending June 30, 1926: Dedication of Law Building. Completion of Swift Hall for Electrical Engineering. Bequest of $300,000 by Mrs. Obed J. Wilson for the erection of the Obed J. and Amanda Landrum Wilson Hall. Gift of $450,000 for Medical College Hospital.

Administrative officers: President, Frederick C. Hicks; Dean, Graduate School, Louis T. More; Dean, College of Liberal Arts, Frank W. Chandler; Dean, College of Engineering and Commerce, Herman Schneider; Dean, Law School, Merton L. Ferson; Dean, College of Medicine, Arthur C. Bachmeyer; Director, School of Applied Arts, Herman Schneider; Director, School of Household Administration, Elizabeth Dyer; Director, School of Nursing and Health, Catherine Buckley; Registrar, Lelia G. Hartman; Executive Secretary Y. M. C. A. (in charge of foreign students), Fred K. Hoehler.

THE UNIVERSITY OF THE CITY OF TOLEDO

ELEVENTH AND ILLINOIS STREETS, TOLEDO, OHIO

Municipal university for men and women. Controlled by the City of Toledo.

Bequest of Jessup W. Scott, October 21, 1872, for establishment of the Toledo University of Arts and Trades. Under this a School of Design was conducted until 1886. In 1884 the school was taken over by the city as The University of the City of Toledo but was conducted as a Polytechnic School. In 1909 reorganized on collegiate basis, but relatively few full-time students until 1915. The greatest growth of the institution has been within the last decade.

Board of 9 directors; 3 appointed in alternate years for terms of six years.

Endowment, $13,302.77. Income from endowment, $471.75. Income from other sources, $218,522.08. Total annual expenditures year ending June 30, 1926, $183,545.63. Budget 1926–27, $229,500. Campaign for $250,000 library building in memory of President John W. Dowd.

Value of grounds (160 acres): $350,000. Worth of buildings, $425,000.

Library (1918), 18,000 volumes, including 3,000 Government documents; 201 current periodicals.

Science building (1918) valued at $310,000. Value of equipment in principal departments, $50,000.

Observatory in Science Building has six-inch telescope.

Health program: Physical examination required of all freshmen. Gymnasium (1918). Two athletic fields.

Admission requirements: 15 units. No conditions allowed for students under 21 years of age. Mature students may be admitted with less than 15 units and are given one year in which to remove conditions.

Degree requirements: 124 semester hours. One major (18 semester hours) and two minors (12 semester hours each) of work in Senior College. Prescribed courses in English, History, Political Science, Psychology, Hygiene, Physical Education, Sociology,

Economics, Philosophy, and Literature in Junior College. Thesis required for master's degree.

Attendance upon convocation required during first two years.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Business Administration; 1, 1, 1, 0. Chemistry: 1, 1, 0, 1. Education: 2, 1, 1, 0. Engineering: 1, 2, 0, 1. English: 1, 3, 0, 3. History: 1, 1, 0, 1. Hygiene and Physical Education: 1, 0, 0, 3. Literature: 2, 0, 0, 0. Foreign Languages: 1, 0, 2, 2. Mathematics: 1, 0, 1, 1. Philosophy and Psychology: 2, 0, 0, 0. Pharmacy: 1, 0, 0, 2. Physics: 1, 0, 1, 0. Political Science: 1, 0, 0, 1. Sociology, 2, 0, 0, 0.

Enrolment for year ending June 30, 1926: 1,729: Day session, full time, 722; Late afternoon, part time, 244; Evening, part time, 654; Summer session, 222; Excluding duplicates, 109.

Degrees conferred year ending June 30, 1926: 73. Total number of degrees conferred since foundation, 712: M.D. (previous to 1915), 313; LL.B., 60; Ph.B., 1; B.A., 194; B.S., 83; M.A., 58; M.S., 3.

Fees: No tuition fee. For Toledo students, miscellaneous fees of from $15 to $25; out-of-town students, from $45 to $55. Matriculation, $5; Graduation, $5; Laboratory, $3 to $5 a course. 95 per cent of students live at home.

Two scholarships, $50 each. Three fellowships: Two of $1,200 and one of $900.

Employment bureau: 60 per cent of men self-supporting to extent of more than half of living expenses.

Dates of beginning and ending sessions: First semester, September 16 to January 29; second semester, January 31 to June 11.

Summer session: June 21 to July 30. 13 departments offered 41 courses. Attendance in 1925, 222.

University extension: Evening registration of 654. Of these 32 per cent were special students, over 21 years of age.

Catalog in June.

Administrative officers: President, —— Vice President and Director of Junior College, L. W. MacKinnon; Dean of Senior College of Arts and Sciences, Carl Holliday; Dean of College of Education, David W. Henry; Registrar, Hazel D. Geiner.

UNIVERSITY OF COLORADO

BOULDER, COLORADO

Name for bequests: Regents of the University of Colorado.

State University with Schools of Arts and Sciences, Engineering, Education, Business Administration, Music, Pharmacy, Law, Medicine (in Denver).

Coeducational.

Founded 1876. Incorporated by an act of the First Territorial Legislature of Colorado, in 1861, and located at Boulder. A second act in 1870 revived the project of a university at Boulder and reconstituted the board of trustees. In 1872, three citizens of Boulder gave the University 52 acres adjoining the city. In 1874, the Territorial Legislature appropriated $15,000 conditioned on the raising by the trustees of an equal amount. The trustees having met this condition, the first instalment of the appropriation was paid on June 7, 1875. In 1875, Congress "set apart and reserved for the use and support of a State University" 72 sections of public lands. The Constitution of Colorado, adopted in 1876, made the "University at Boulder" an institution of the State, thus entitling it to the lands appropriated by Congress. Supported by proceeds of a fractional mill tax and by special appropriations.

Board of 6 regents elected, 2 each biennium for a term of six years.

Endowment, $75,000. Income from endowment, $4,000 a year. Tax levy, $650,000 a year and $15,000 for medicine. Tax levy of $180,000 a year for buildings. Receipts from tuition and miscellaneous, $300,000.

One hundred and twenty acres in Boulder; 20 in Denver.

Library (1902): 176,000 volumes including 10,000 government documents; 512 current periodicals. Departmental libraries: Biology, Chemistry, Engineering, Geology, Law, Physics, Museum, Pharmacy, Training School and School of Medicine (Denver).

Laboratories: Hale Scientific Building for

Physics and Biological Sciences. Chemistry Building, Geological Building, Denison Memorial Building, Engineering Building for Engineering Laboratories. Psychology Laboratory in Art and Science Building, Medical Laboratories in Medical School Buildings in Denver.

Museum in Hale Science Building. The Zoological collections. Special importance attaches to collection of land, fresh-water and marine shells. Rocky Mountain and Pacific Coast; to fresh-water fishes from various parts of the world, especially Colorado; western reptiles and amphibians; Colorado butterflies. Botanical Collection. Guggenheim Biological Collection, nests and eggs of birds of Colorado; mounted birds and mammals chiefly from Colorado and adjacent States. Mineralogical and Geological Collection of rocks, minerals, Colorado ores, microscopic sections of rocks, ores, and minerals, wooden models of crystals, etc. Guggenheim Mineral Collection, 1,000 selected type mineral specimens, includes rare minerals. Ethnological Collections: Ancient culture of southwestern United States, particularly pottery, stone implements from Ohio and elsewhere, and ethnological material from China, Japan, and the Philippines. The Paleontological Collections of Colorado marine invertebrates, Tertiary insects and plants from the Lake Beds of Florissant, Colorado; Cretaceous plants from various parts of the State and from Kansas; Paleozoic plants from the coal measures of the eastern States; many thousands of Tertiary and Pleistocene marine invertebrates from the Atlantic and Pacific coasts; a representative collection of Paleozoic invertebrates from the eastern States and Mississippi Valley; many invertebrate fossils from Europe, Panama, and Mexico, and a few important fossil vertebrates, mostly from Colorado. Phillips Art Collection. Farnsworth Collection of Coins: Three hundred and fifty Greek, Roman, Byzantine, mediaeval, and modern coins.

Health program: All first-year men are given thorough physical examinations by the physicians in the department of Physical Education for Men. Each man is advised of his general condition. In the College of Arts and Sciences physical education is required during both freshman and sophomore years; in the Colleges of Engineering and Pharmacy, during the freshman year only; in the College of Music, during the sophomore year only. Students other than freshmen and sophomores may consult with the Director of Physical Education and elect courses in gymnastics if they so desire. The health of women students is under the supervision of the Dean of Women and the Medical Advisor to Women in cooperation with the Department of Physical Education for Women. The Medical Advisor is a woman physician. Medical and physical examination is given to every woman student who enters the University, in order to determine her physical fitness. Any case departing from the normal is followed up, and suitable recommendations made to the student and her parents. The Medical Advisor to Women holds office hours during the week when students may obtain medical advice without charge. A course in personal hygiene is required of all Freshman women and is open to all other women students. In case of severe illness, a community hospital provides facilities at a reduced price.

Admission requirements: Graduation from a standard four-year high school and fifteen units, including: *College and Arts and Sciences:* English 3; some one Foreign Language 2; History 2 (½ unit of which may be civics); Mathematics 2 (Algebra 1, Plane Geometry 1); Science 2 (one of which must be Physics or Chemistry); in addition to these specified units four electives may be presented in any subjects accepted by the high school for graduation. No entrance conditions of any kind allowed, nor may electives be substituted even temporarily for any of the 11 specified units. *Engineering:* Same as above, excepting that but 1 unit is required in History and an additional unit in Mathematics (higher Algebra, ½ unit, Solid Geometry, ½ unit); 1 unit in Science to be Physics, and the 2 units in Foreign Language not necessarily in one language. Students not presenting all of the 11 specified units may be admitted provided

additional units in the specified group are presented sufficient in number to make up the 11 units required in this group. Deficiencies in Mathematics must be made up during the first quarter. 2 years may be allowed for removing deficiencies in Foreign Languages. All other deficiencies must be removed before the beginning of the second year. *College of Pharmacy:* Same as Arts and Sciences, excepting that one unit in Latin may be accepted for the Foreign Language requirement. *College of Music and 3-Year Course in Nursing:* Same as Arts and Sciences. Candidates with 15 acceptable units as above outlined, and coming from a 4-year high or preparatory school, who are not graduates, may be admitted provisionally on the recommendation of the principal.

Degree requirements: In the *College of Arts and Sciences:* 186 quarter hours, with basic requirements: English Composition, 9 hours; History or Economics, 9; any two of the following three, Mathematics, Science, Classics, 18; Psychology or Botany or Zoology, 9; Philosophy, 4; Interpretation of Literature and Art, 2; and group requirements with 75 hours distributed among a major and 2 minors selected from a list of 19 groups, of which the following is a type: Group H—Major, Chemistry; Minors, Physics and Mathematics. The 75 quarter hours of each group must contain at least 6 hours in one of them. In the *Colleges of Engineering, Pharmacy and Music,* and the *3-Year Course in the School of Nursing,* the requirements for graduation are outlined in prescribed courses of study for the respective 4 years, no election being permissible. The degree requirements are largely prescribed courses of study in *Medicine, Law and Business Administration;* the admission requirements to these schools are those of the College of Arts and Sciences, plus 90 acceptable quarter hours in the College of Arts and Sciences, exclusive of physical training. These 90 hours are largely specified in the Schools of Medicine and Business Administration.

General requirements: Attendance at chapel required. Residence requirement in the College of Arts and Sciences is 84 quarter hours; in the other schools and colleges of the University, one year.

Departments and Staff: Art: *Professors,* 1; *Associate Professors,* 0; *Assistant Professors,* 1; *Instructors,* 2. Biology: 3, 0, 0, 5. Chemistry: 3, 1, 3, 12. Classics: 1, 0, 1, 2. Economics, Business Administration, Political Science and Sociology: 1, 0, 4, 3. Education: 2, 1, 0, 1. English Language: 1, 1, 2, 8. English Literature: 1, 2, 1, 2. Geology, Mineralogy and Geography: 2, 1, 1, 3. Germanic Languages: 1, 0, 1, 1. History: 3, 0, 0, 3. Home Economics: 0, 0, 1, 1. Journalism: 0, 1, 0, 1. Library Science: 0, 1, 0, 0. Mathematics: 2, 0, 1, 1. Music: 1, 0, 0, 1. Physical Education: 1, 1, 1, 5. Physics: 2, 0, 2, 7. Psychology, 2, 0, 1, 1. Romance Languages: 2, 0, 1, 6. College of Engineering: 12, 2, 7, 18; School of Medicine: See page 114. School of Law: *Professors,* 4; *Associate Professors,* 2; *Lecturers,* 7; College of Pharmacy: Faculty included in that of the College of Arts and Sciences. College of Music: 1, 0, 0, 7. School of Business Administration: 7, 0, 5, 4.

Enrolment for year ending June 30, 1926: Graduates, 134; Arts and Sciences, 1,741; Engineering, 595; Medicine, 170; Law, 103; Pharmacy, 54; Nursing, 31; Music, 44. Total number of matriculates since foundation: 41,196.

Degrees conferred year ending June 30, 1926: 358. Total number of degrees conferred since foundation: 5,032.

Fees: Annual fee for all students in all the colleges and schools (except the School of Medicine, Denver, $6.00) $10.50. Diploma Fee, $5. Library Fee (all students of the University), $1.00 a quarter. Gymnasium Fee (for all men students resident in Boulder), $1.00 a quarter. Gymnasium (for all women taking required courses), $1.00. Incidental Fee is collected as follows: Fall quarter, $6.50; winter quarter, $2.00; spring quarter, $2.00. In the School of Medicine: Fall Quarter, $4.00; Winter Quarter, $1.00, Spring Quarter, $1.00. Special breakage charges may be collected whenever necessary in any laboratory department of the University. The Board of Regsnts reserves the right to change without formal notice, any fee at any time whenever conditions

warrant such a change. College of Arts and Sciences: Matriculation, $5. Tuition, $16 for Colorado students. Tuition for others, $31. Laboratory fees, $1—$10 a quarter. College of Engineering: Matriculation, $5. Tuition for Colorado students, $16. Tuition for others, $31. "The Colorado Engineer," all Engineering students, $1. Graduate students are required to pay the same fees as resident undergraduate students in the same division of the University. School of Medicine: Tuition for Colorado students, $55. Tuition for others, $90. Laboratory deposit for each laboratory course (unused portion returnable) $5 a course. School of Law: Tuition for Colorado students, $26. Tuition for others, $36. College of Pharmacy, College of Music, School of Business Administration: Matriculation, $5. Tuition for Colorado students, $16. Tuition for others, $31. Laboratory fees, $5.

Scholarships and Fellowships: Fifteen research fellowships, each of $400 and tuition. The duties attached to these fellowships are of such a nature as to interfere but slightly with the pursuit of graduate study and research. Wherever possible research problems of particular interest to the people and the State of Colorado will be given special consideration. Teaching fellowships, each yielding $300 a year are open to graduates of colleges and universities.

Dates of beginning and ending sessions, 1927–28: Autumn Quarter, September 26 to December 16; Winter Quarter, January 3 to March 16; Spring Quarter, March 27 to June 11.

Summer Quarter: First term: June 18 to July 21; second term: July 23 to August 23. 1928. Attendance 1925: 3,520.

Extension Division: A. Department of Instruction: Total enrolment 1925–1926, 4,117. Bureau of Correspondence Instruction, Bureau of Class Instruction, Western Colorado Classes, Bureau of Visual Instruction, Home Reading Courses, Lectures and addresses. B. Department of Public Service: Bureau of Business and Government Research, Bureau of Community Organization, High School Visitation, Bureau of Library Extension, Colorado State Debating League, Publications.

Publications: Catalog in August; Bulletins of the several schools and colleges; biennial report of the Regents; the "University of Colorado Studies"; University Extension bulletins.

Administrative officers: President, George Norlin; Dean, College of Arts and Sciences, Fred B. R. Hellems; Dean, College of Engineering, Herbert S. Evans; Dean, Graduate School, Oliver C. Lester; Dean, School of Medicine, Maurice H. Rees; Dean, School of Law, John D. Fleming; Dean, College of Pharmacy, Homer C. Washburn; Director, College of Music, Frank W. Chace; Acting Dean, School of Business Administration, Frederick A. Bushee; Dean of Men, Philip G. Worcester; Dean of Women, Antoinette S. Bigelow; Registrar, Charles R. Burger.

UNIVERSITY OF DELAWARE

NEWARK, DELAWARE

State University. Undergraduate professional schools and College of Arts and Science. Delaware College for men and Women's College for women have separate dormitories and classrooms and, to a certain extent, separate faculties.

Delaware College chartered as a private college by an Act of the Delaware Legislature in 1833; opened in May, 1834. In 1913 it came into possession of the State. The Women's College, a college for women affiliated with Delaware College, was established by the State in 1913. In 1921, by an Act of the Legislature, Delaware College and the Women's College were united under the name of University of Delaware.

Board of 28 trustees; the Governor of the State, the President of the University, the Master of the State Grange, and the President of the State Board of Education, being ex officio members. Eight members are appointed by the Governor; the other 20 are elected by a majority of the whole Board of Trustees.

The University comprises: Delaware College: School of Arts and Science, School of Agriculture, and School of Engineering; Women's College: School of Arts and Science, School of Home Economics, and School of Education.

Endowment, $485,500. Income from endowment, $19,300. Income from other sources, omitting Dining Halls and farm sales: Student fees, $41,200; Real Estate, $4,200; Miscellaneous, $8,500; Federal and State appropriation for Agricultural Extension and Experiment Station, $131,300; State appropriation for college work, $146,000; total, $331,200. Total annual expenditures year ending June 30, 1925: $350,200. Budget 1925–1926: $365,000 omitting dining halls which are self-supporting. Notable financial items for the year: Women's College, Dormitory ($160,000) and Women's College, Dining Hall ($160,000), provided by State appropriation of $235,000 and gift of $85,000.

Grounds and Buildings: 32 buildings on a tract of 88 acres, with farms of 217 acres, used for instruction and experimentation in Agriculture. Dormitories: Delaware College, Harter Hall (100); Women's College, 7 dormitories (259). Land, buildings and equipment valued at about $2,000,000.

Library Building erected 1924 as a War Memorial by citizens of State of Delaware: 50,000 volumes; 150 current periodicals.

Laboratories: Delaware College: Physics Laboratory. Chemistry, Biology, Physiology Laboratories in Wolf Hall (value about $300,000) in which are also housed the laboratories of the Agricultural Experiment Station. Engineering laboratories in Mechanical, Electrical, and Civil Engineering buildings, the last two being temporary buildings. Women's College: Physics, Chemistry, Biology, Home Economics laboratories are housed in Science Hall and in Practice House.

Health Program: Delaware College: Physical examination on entrance and another at end of Sophomore year. Gymnasium. Frazer Field. Infirmary. Women's College: Health examinations. Physical examination on entering college. Infirmary.

Admission requirements: Candidates for admission must be at least 16 years of age. They must be graduates of standard 4-year high or preparatory schools or have spent 4 full years as students in such schools, and in addition sustain examinations at the University in all subjects which they present for entrance. 15 units required including English 3; Mathematics 2 (or 3 in Engineering) Foreign language 2; History 1; Science 1. No conditions allowed.

Degree requirements: Delaware College: Arts and Science: Minimum of 120 credit term-hours and an equal number of honor points in addition to Military Science and Tactics, Physical Education, and Collateral Reading. Engineering: Minimum of 143 credit term-hours with an equal number of honor points in addition to Military Science and Tactics, Physical Education. Agriculture: Minimum of 144 credit term-hours with an equal number of honor points in addition to Military Science and Tactics and Physical Education. Women's College: Quality requirement for graduation same as for Delaware College. Candidates for graduation in all courses in the Women's College are required to complete 120 credit term-hours of work in addition to 12 term-hours of Physical Training.

General requirements: Delaware College: Physical culture required during first 3 years. Military Science required 4 years. Attendance at College Hour once every two weeks required. Freshmen must live in dormitory. Women's College: Physical culture required in Freshman and Sophomore years. Chapel required 3 times a week. All students must live on campus or in their own homes.

Departments and Staff: Art 3, Biology 1, Chemistry 8, Economics 3, Education 4, English 7, History and Government 4, Latin and Greek 1, Mathematics and Physics 7, Modern Languages 5, Music 1, Philosophy 1, Physical Education 3, Physiology 1.

Enrolment for year ending June 30, 1926: 378: Delaware College: Arts and Sciences, 198; Engineering, 152; Agriculture, 28. Women's College: 294: Arts and Sciences, 137; Home Economics, 51; Education, 105.

Degrees conferred year ending June 30, 1926: 101. Delaware College records before 1873 are incomplete; estimated number of graduates about 300. From 1873 to 1926, Delaware College conferred 1098 degrees. From 1918 to 1926 Women's College conferred 215 degrees. University of Delaware

(Delaware College and Women's College) since 1873 has conferred 1,313 degrees. In 1919 the University established in the School of Education of the Women's College, a 2-year normal training course and has since that time granted 157 teacher training diplomas, which are not included in the figures given above.

Fees: Tuition is free to students whose families reside in State of Delaware. Tuition for all other students is $50 a term. University Maintenance fee, $60, charged all students. Matriculation fee, $5. Graduation fee, $10. Laboratory fees, $1 to $35. Expense for lodging and board averages $290 a year.

Scholarships and fellowships amounting to $13,700 awarded annually.

Research: In the Experiment Station the staff devotes its entire time to research in the fields of Natural Science and Economics with special reference to application to problems of Agriculture.

About one-third of students earn their way through college in part.

Dates of beginning and ending sessions: Registration Day: Monday nearest to September 20. Commencement Day: Monday nearest to June 10.

Summer Session: 6 weeks instruction for elementary teachers of State, conducted by School of Education. Attendance 1925: 389.

University Extension: Classes in various parts of the State. Agricultural Extension: Organized work and instruction throughout the State by a staff of 14 persons, 10 of whom devote their entire time to this work.

Publications: College Bulletin, including Catalog, Annual Report of President, etc., 6 times a year. University of Delaware Press, Inc., founded 1922; 5 volumes published. "Delaware Notes" issued annually prints results of research.

The Delaware Foreign Study Plan provides for 1 year of supervised study in France by students who have completed 2 years of college work in an American College and who will return to their American College for the fourth year and to receive a degree. The year—July to July—is divided into 2 sessions: July 7 to October 31 devoted to preliminary language drill at the University of Nancy; November 1 to June 30 devoted to university work at the Université de Paris and the École Libre des Sciences et Politiques. Students live singly in French families and have a program of operas, plays and excursions. In addition to the work in the University, students must tutor daily in groups of four. Women are under the chaperonage of an American woman. Total cost, from New York to New York for 12 months estimated at $1,350 for men and $1,450 for women.

Administrative officers: President, Walter Hullihen; Dean of Delaware College, George E. Dutton; Dean of Women's College, Winifred J. Robinson.

UNIVERSITY OF DENVER

DENVER, COLORADO

University privately controlled.

Board of 28 trustees, 7 elected each year by Colorado Conference of Methodist Episcopal Church.

The Charter of the Colorado Seminary which is the property-holding corporation of the University of Denver was granted by the Council and House of Representatives of Colorado Territory on March 5, 1864. Reorganized 1880 under name of the University of Denver. In addition to College of Liberal Arts and Preparatory School, Schools of Medicine, Music, Art and Business were established. Preparatory School and Schools of Medicine, Music, Art and Business discontinued. In 1885 the University organized the first Manual Training School in the Rocky Mountain country and maintained it until the high schools of the city opened similar departments some 10 years later.

School of Dentistry, formerly known as the Colorado College of Dental Surgery, opened 1887. School of Pharmacy started in 1888, but after a few years discontinued, was reorganized in 1916. School of Law organized in 1892. Iliff School of Theology, established in 1893, later was separated from the University.

Endowment, $1,008,416.94. Income from endowment, $45,661.40. Income from other

sources: Tuition, College of Liberal Arts, $206,781.58. Total expenses College of Liberal Arts, $257,538.03.

Grounds and buildings: Value of grounds (50 acres): $95,749.65. Present worth of buildings: $492,000. Total value of grounds, buildings and equipment: $781,644.98.

Library (1910): 40,000 volumes; 2,000 government documents.

Laboratories: Science Hall (1915): $125,000. Equipment: Botany, $3,200; Chemistry, $18,000; Physics, $19,000; Zoology, $16,600; Chamberlin Observatory, $44,425.00; Dental, $25,000.

Chamberlin Observatory (1894): 20-inch refractor.

Health program: Physical examination required. Gymnasium (1910): $35,000.

Admission requirements: 15 units. A student may enter if he has full 15 units, even if he lacks some of the specified units. These must be made up within the year.

Degree requirements: 124 semester hours of which about one fourth is prescribed. Major is 25 semester hours in which a grade of 80 or above must be obtained. Graduates must have 50 or more hours of upper division subjects.

General requirements: Physical Culture required of Freshmen and Sophomores. Chapel attendance required twice a week.

Departments and Staff: Anthropology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 1, 0, 0, 1; Botany: 1, 0, 0, 1; Chemistry: 1, 2, 0, 2; Economics: 1, 1, 0, 0; Education: 2, 0, 0, 1; English Composition: 1, 0, 0, 3; English Literature: 1, 1, 0, 0; Greek and Latin: 1, 0, 0, 1; History and Political Science: 1, 1, 0, 1; Mathematics: 1, 1, 0, 2; Philosophy: 1, 0, 1, 0; Physical Education: 2, 0, 0, 0; Physics: 1, 1, 0, 0; Psychology: 1, 0, 0, 1; Religion: 1, 0, 0, 0; Romance Languages: 2, 0, 2, 4; Sociology: 1, 0, 0, 1; Speech: 1, 0, 0, 2; Zoology: 1, 1, 0, 0.

Enrolment, 1925–26: Graduate School, 73; College of Liberal Arts, 2,638; School of Engineering, 131; School of Pharmacy, 61; School of Dentistry, 180; School of Law, 105; School of Commerce, 785; total, less duplicates, 3,585. Total men, 1,659. Total women, 1,926. Degrees conferred June 30, 1926: 281.

Fees: Tuition, $6.50 a semester hour; $195 for regular work. Matriculation fee, $5. Laboratory fees, $3 to $7.50 a semester. Diploma fee, $15.

Honor Scholarships awarded to honor student in upper third in high school ($100).

Dates of beginning and ending sessions: September 12, 1927; June 8, 1928.

Summer Session: June 18 to August 28, 1928. Twenty-two departments offered 105 courses in 1926. Attendance 1925: 852.

Publications: Catalog in March. President's report in June.

Administrative officers: Chancellor, Heber Reece Harper, D.D.; Vice-Chancellor, Wilber D. Engle; Dean, Graduate School and College of Liberal Arts, D. Shaw Duncan; Dean, School of Dentistry, Allen T. Newman; Dean, School of Law, George C. Manly; Director Extension College, Daniel E. Phillips; Dean, School of Commerce, Accounts and Finance, George A. Warfield; Director, School of Chemical Engineering, Wilber D. Engle; Director, School of Electrical Engineering, Reuben E. Nyswander; Director, School of Pharmacy, Wilber D. Engle; Dean of Women, Anne McKeen Shuler; Dean of Women, School of Commerce, Accounts and Finance, Mabel M. Eigler; Registrar, Owen B. Trout; Registrar, School of Law, Charles L. Andrews; Registrar, School of Commerce, Howard E. Cooper.

UNIVERSITY OF DETROIT

651 EAST JEFFERSON AVENUE, DETROIT, MICHIGAN

Catholic university for men and women.

Founded 1877 as Detroit College. Chartered as University of Detroit In 1911. To the original Arts School were added: In 1913, Engineering; 1915, Law (night); 1917. Commerce and Finance (evening); 1921, Day Course in Law; 1922, Commerce and Finance (day).

Trustees are members of the Society of Jesus.

Endowment, $60,000. Income from endowment, $3,000. Income from church do-

nations: $80,000. Income from tuition (calendar year 1925): $276,937.43. Gifts amounted to $175,000.

Grounds and buildings: Total value of grounds: $2,950,900. Total present worth of buildings: $1,471,437.32. Total value of grounds, buildings, and equipment: $4,682,541.51.

Library (1890): 45,000 volumes.

Laboratories: Chemistry and Physics laboratories in Engineering Building. Biology laboratory in St. Catherine's Hall. Equipment: $59,408.84.

Health program: Gymnasium (1908); present value, $100,000; athletic field, with stadium, $300,000.

Admission requirements: 15 units. No conditions allowed. In case of deficiencies, 1 year is allowed for removal.

Degree requirements: 126 semester hours required in the College of Arts and Sciences, 8 hours of which are Religion. 190 credit hours required in the College of Engineering. 120 semester hours required in the Commerce and Finance (day), and 80 semester hours in Law School. 72 hours required in the evening school of Commerce and Finance for a diploma. An average grade of C (76–84) required. Thesis required.

Chapel requirements in the Arts and Sciences Department for Catholic students only.

Departments and staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Associate Professors*, 0; *Instructors*, 0. Chemistry: 2, 0, 2, 0; Economics: 4, 0, 0, 0; Education: 1, 0, 0, 0; English: 3, 1, 1, 0; History: 1, 1, 0, 1; Languages: 3, 0, 0, 3; Mathematics: 3, 0, 0, 5; Philosophy: 3, 1, 0, 0; Physics: 1, 1, 0, 0; Religion: 1, 4, 0, 0. School of Engineering: *Professors*, 7. Department of Law: *Professors*, 22; *Associate Professors*, 4; *Lecturers*, 11. School of Commerce and Finance: *Professors*, 44; *Instructors*, 7.

Enrolment for year ending June 30, 1926: 1832.

Degrees conferred year ending June 30, 1926: 104.

Fees: Matriculation, $5; graduation, $10; other general fees, $16; laboratory, $15.

38 college scholarships.

Employment bureau: Approximately 90 per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: First semester, September to February: second semester, February to June.

University extension: Evening School of Commerce and Finance; Evening School of Commercial Art.

Publications: Catalog in 8 issues, November to June.

Administrative officers: President, John P. McNichols, S.J.; Dean, Arts and Sciences, J. Joseph Horst, S.J.; Dean, Engineering School, Jay R. McColl; Dean, Commerce and Finance, John A. Russell; Registrar, Florence E. Donohue.

UNIVERSITY OF DUBUQUE

DUBUQUE, IOWA

University comprising: University High School; College of Liberal Arts; Theological Seminary; School of Religious Education; Graduate School of Theology; Summer School.

Founded in 1852, as a Seminary for training ministers for German speaking churches in Middle West. Later developed departments to satisfy needs of foreign speaking students of various nationalities. In later years increasingly attended by American born students who now form the largest section of its student body. Maintains as its major objective the training of students for Christian service, stressing especially preparation of leaders of Christian Americanization. Has upwards of 30 nationalities generally represented in its student body.

Board of Directors appointed by General Assembly of Presbyterian Church in the U. S. A.

Endowment, $750,000.

Grounds and buildings: Grounds (36 acres): $100,000. Total present worth of buildings $500,000. Total value of grounds, buildings and equipment $700,000.

Library in main building and Theological Library in Van Vliet Hall: 11,717 volumes.

Health program: McCormick Gymnasi-

um and swimming-pool; athletic fields. Medical examination of freshmen on entrance. Physical training required in Freshman and Sophomore years.

Admission requirements: 15 units including English 3; Mathematics 2; History and Civics 2. A.B. or its equivalent required for admission to a B.D. course in Theological Seminary. Graduation from Theological Seminary is required for admission to regular courses in Graduate School of Theology.

Degree requirements: For the B.A.: 120 semester hours including a major of 18 hours and a minor of 12 hours, together with thesis on major subject. For B.D.: 3 years' course in theological subjects (including at least 2 years of Hebrew and Greek) together with thesis. For M.A. in Theology: 30 credits in Graduate School of Theology, together with thesis. For Ph.D. in Theology: 60 credits in Graduate School of Theology, together with thesis.

General requirements: Chapel attendance 3 mornings a week required of high school students and College Freshmen. Students from out of town required to live in dormitories.

Departments and Staff: Ancient Languages: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 2. Biblical Literature and Religious Education: 0, 0, 0, 1. Biology and Geology: 1, 0, 0,-1. Chemistry, 1, 0, 0, 1. Economics and Sociology: 1, 0, 0, 0. Education: 1, 0, 0, 1. English Language and Literature: 1, 0, 1, 1. History and Political Science: 1, 0, 0, 0. Home Economics: 1, 0, 0, 0. Mathematics: 1, 0, 0, 1. Modern Languages and Literatures: 1, 2, 0, 1. Music: 1, 0, 0, 4. Physical Training and Athletics: 1, 0, 0, 1. Physics: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Philosophy and Psychology: 1, 0, 0, 0. Theological Seminary: 4, 0, 0, 3.

Enrolment for year ending June 30, 1926: High School, 28; College, 184; Seminary, 13; Graduate School of Theology, 21. Number of matriculates since foundation: 2,876.

Degrees conferred year ending June 30, 1926: College 25; Seminary 1. Degrees conferred since foundation (College and Seminary): 400.

Fees: Matriculation, $3. Tuition, $60 a semester. Room, board and laundry a semester: Men $148.50; women $157.50. Incidental fees, approximately, $25; laboratory fees, $3 to $6 a course. Annual total cost: $450 to $500.

Scholarships: Income from Louis K. McClymonds Scholarships fund of $30,000. Numerous churches have established scholarships amounting to between $6,000 and $7,000 each year.

Dates of beginning and ending sessions: Second Monday in September; second Wednesday in June.

Summer Session of College of Liberal Arts opens Monday following Commencement. Attendance, 1926: 90.

Publications: Annual catalog in May. "Dubuque Christian-American," quarterly.

Achievements of year ending June 30, 1926: Gift of Louis K. McClymonds Scholarships fund of $30,000 for scholarship endowment. $100,000 Theological Seminary Building.

Administrative officers: President, Karl Frederick Wettstone; Dean of the University, Walter Barlow; Dean of Seminary and Graduate School of Theology, Daniel Grieder; Dean of the College of Liberal Arts, Franklin T. Oldt; Registrar, John Zimmerman.

UNIVERSITY OF FLORIDA

GAINESVILLE, FLORIDA

State University for men.

Founded in 1905 by merging 6 small state-supported institutions into the University of Florida and the Florida State College for Women.

Board of Control of 5 members, appointed by the Governor for a term of 4 years. University comprises: Graduate School; College of Arts and Sciences; College of Agriculture; College of Engineering; College of Law; College of Pharmacy; Teachers College; School of Business Administration and Journalism; School of Architecture; General Extension Division.

Annual budget: $724,633.75.

Grounds and buildings: 16 buildings, 925

acres. Plant and equipment valued at $3,560,000.

Library (1925): 43,000 volumes exclusive of government documents; 285 current periodicals. Departmental libraries.

Laboratories: 24 laboratories in Science Hall, Agricultural Hall and Engineering Hall. Buildings valued at $600,000; equipment valued at $127,867.76.

Museum: By Act of the Legislature of 1917 the University was made the home of the Florida State Museum. Library of Museum, 5,000 volumes and pamphlets.

Health program: Physical examination required on entering University. Physical education required in first 2 years. Gymnasium ($200,000). Infirmary under supervision of Director of Health, University Physicians with 2 consulting physicians, and 3 graduate nurses.

Admission requirements: Completion of 4-year course of not less than 16 units in a secondary school approved by a recognized accrediting agency, or equivalent as shown by examination. Major portion of secondary school course accepted for admission must be definitely correlated with curriculum to which student is admitted.

Degree requirements: 136 semester hours.

General requirements: Students and faculty expected to attend assemblies at auditorium each Tuesday and Thursday. Attendance of juniors, seniors, and graduates optional on Thursday. Freshmen required to take an intelligence test early in first semester. Freshman and Sophomore students, except law students, required to take military training for two years.

Departments and Staff: Ancient Languages: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Biblical instruction: 3, 0, 0, 0. Biology and Geology: 2, 0, 2, 1. Chemistry: 3, 0, 1, 1. Economics and Sociology: 1, 0, 0, 1. English Language and Literature: 1, 0, 5, 1. History and Political Science: 1, 0, 1, 2. Mathematics: 1, 0, 1, 4. Modern Languages: 2, 0, 2, 1. Music: 1, 0, 0, 0. Philosophy: 1, 0, 1, 0. Physics: 1, 0, 3, 2. Speech: 0, 1, 0, 0. School of Business Administration and Journalism: 3, 0, 1, 4. College of Agriculture: 13, 0, 4, 6. College of Engineering: 8, 0, 7, 5. School of Architecture: *Director*, 1, *Professors*, 1, *Assistant Professors*, 1, *Instructors*, 1. Teachers College: *Professors*, 4, *Assistant Professors*, 1. College of Law: *Professors*, 5. College of Pharmacy: *Professors*, 3, *Instructors*, 2.

Enrolment for the year ending June 30, 1926, including summer school students, was 2,840.

Degrees conferred in June, 1926: 160.

Fees: No tuition charged residents of Florida. Non-resident tuition, $100. Tuition fee of $40 charged law students. Board and lodging, $175. Entrance and other fees average about $37.75.

Scholarships and Fellowships amount to about $10,000 a year. Loans to students amount to $5,000 a year.

Employment Bureau: About 50 per cent of the student body earn a part or all of their expenses.

Dates of beginning and ending sessions: First semester began September 12, 1927; ends January 28, 1928; second semester begins January 30, 1928, and ends May 29, 1928.

Summer Session: 8 weeks primarily for benefit of teachers of State; but other courses are offered. Summer Session of 1925 opened June 16, and closed August 7. Enrolment: 987.

University Extension: Extension Teaching Department correspondence, class and club study.

Publications: Annual catalog in May; President's Report every 2 years.

Administrative officers: President, Albert Alexander Murphree; Dean, College of Arts and Sciences, J. N. Anderson; Dean, College of Agriculture, Wilmon Newell; Dean, College of Engineering, J. R. Benton; Dean, College of Law, Harry R. Trusler; Dean, College of Pharmacy, Townes Randolph Leigh; Dean, Teachers College, J. W. Norman; Directors: General Extension Division, B. C. Riley; School of Business Administration and Journalism, W. J. Matherly; School of Architecture, Rudolph Weaver; Registrar, Ethel L. Cowan.

UNIVERSITY OF GEORGIA

ATHENS, GEORGIA

State university. Women admitted since 1918.

Chartered January 27, 1785; opened 1801; Law School, 1867; State College of Agriculture and Mechanic Arts established 1872 in buildings of University of Georgia and indistinguishable from it. State College of Agriculture established as part of University 1906. A. and M. College continues existence. State established institutions in other places for instruction in technological subjects. These by law are "branches" of the University.

Organization: Board of 36 trustees appointed for 8-year terms by Governor; 4 trustees from State at large; 1 from each Congressional district; 3 from city of Athens; and the Chairman of Boards of trustees of the 10 "branch" colleges, ex officio. Alumni elect 4 additional trustees; 1 life trustee; Governor and State Superintendent of Education, ex officio. The University comprises: College of Arts, College of Science and Engineering, State College of Agriculture, Peabody School of Education, School of Commerce, Henry W. Grady School of Journalism, Graduate School, Lumpkin Law School; Pharmacy Department.

Endowment, $526,000. Income from endowment, $27,338.64. State Appropriation, $265,000. Federal appropriation, $50,287.48. Income from other sources, principally fees, $135,000. Budget for 1926–27, $463,741.19. Notable gifts: Edgar Gilmer Dawson fund of $140,000, income to be used for College of Agriculture. Thomas E. Mitchell Education Fund, about $125,000, income to be lent to students of the University and other State institutions.

Grounds and buildings: 4 residence halls for men (300); 1 for women (120). Value of grounds (1,000 acres): $998,000. Value of buildings, $2,063,050. Value of grounds, buildings and equipment, $3,559,458.

Library (1905): 61,000 volumes including 7,500 government documents; 312 current periodicals. Collections include Georgiana, early American newspapers, early American scientific proceedings and journals. 85,000 pamphlets.

Health program: Infirmary; resident physician and trained nurses; required vaccination against smallpox and optional vaccination against typhoid; lectures on hygiene and sanitation; complete physical examination of all freshmen. Physical exercise required of all students. Military drill required of first and second year men. Athletic fields; swimming pools.

Admission requirements: 15 units including: English 3; History 2; Mathematics 2½. For most of degrees language also required. No conditions allowed.

Degree requirements: 69 year hours or 138 semester hours. Ratio between hours credits and quality points must be one or higher. For scientific degrees Major subject of 18 semester hours.

Chapel attendance required once a week.

Departments and Staff: Botany: *Professors*, 1; *Associate Professors*, 1; *Adjunct Professors*, 1; *Instructors*, 0. Chemistry: 2, 1, 0, 0. Civil Engineering: 2, 0, 0, 0. Commerce: 3, 1, 2, 1. Education: 2, 0, 0, 0. Electrical Engineering: 1, 0, 0, 0. English: 4, 1, 0, 2. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History and Political Science: 3, 0, 1, 0. Journalism: 1, 1, 0, 0. Latin: 1, 0, 0, 0. Law: 5, 1, 0, 0. Mathematics: 2, 0, 1, 1. Pharmacy: 1, 0, 0, 0. Philosophy: 2, 0, 0, 0. Physics and Astronomy: 1, 1, 1, 0. Psychology: 1, 0, 0, 0. Romance Languages: 2, 1, 1, 2. Sociology: 1, 0, 0, 0. Zoology: 1, 0, 0, 1. Physical Education for Men: 0, 1, 0, 0. College of Agriculture: Agricultural Chemistry: 1, 4, 0, 0. Agricultural Education: 1, 3, 0, 0. Agricultural Engineering: 1, 1, 0, 0. Agronomy: 3, 1, 0, 0. Animal Husbandry: 1, 2, 0, 0. Dairying: 0, 1, 0, 0. Forestry: 0, 1, 1, 0. Home Economics: 1, 3, 1, 0. Horticulture: 1, 1, 0, 0. Poultry Husbandry: 1, 0, 1, 0. Veterinary Medicine: 1, 4, 1, 0. (In addition there are 50 specialists connected with the extension divisions of the College of Agriculture, officers in R.O.T.C., library staff, and administrative officers who do no teaching.)

Enrolment for the year ended June, 1926: 1676; Graduate School, 95; Arts Schools, 386; Science and Engineering, 156; Com-

merce, 374; Premedical, 70; College of Agriculture, 378; Law, 93; Pharmacy, 28. In addition to these regular students there were enrolled: Short courses in College of Agriculture: 2,273; Home Study Department, 490; 1926 Summer School, 2,125. Estimated number of matriculates since founding of University: 14,000.

Degrees conferred in June, 1926: 232.

Fees: Residents of Georgia pay $100 annually, which covers tuition, matriculation, library, laboratory, infirmary, literary society, etc. Non-residents pay $100 additional. Annual expenses: $400 to $800. Board furnished a limited number (250) in dining hall at $16 a month; dormitory rooms cost $5 a month.

Scholarships and Fellowships: Charles McDonald Brown fund ($264,282). Mitchell Educational Loan Fund ($125,000). Churchill Fund ($16,000). Bullard Fund ($13,000). Income of these funds used for scholarships.

Research Funds: Phelps-Stokes Fund supports one research student in study of some phase of negro problem.

Employment Bureau: 16 per cent of students earned all of their expenses; 140 earned a part of their expenses.

Dates of opening and ending sessions: Third Wednesday in September; third Wednesday in June.

Summer session: Opens Monday following third Wednesday in June. Some courses 6 weeks, others 9. Instruction offered by 38 departments, giving 264 courses. Attendance, 1925: 1,791; 1926, 2,125.

University Extension: The State College of Agriculture administers the Smith-Lever and Smith-Hughes funds and certain State funds for extension in Agriculture and related fields. 211 workers are employed in this division.

Publications: Departmental Announcements in April. General catalog in summer. Chancellor's Report annually. University Bulletin published occasionally contains results of investigations.

Administrative officers: Chancellor, Charles Mercer Snelling; Dean of the University and President of Franklin College (College of Liberal Arts), Steadman Vincent Sanford; President of the State College of Agriculture and the Mechanic Arts, and Dean of the State College of Agriculture, Andrew McNairn Soule; Registrar, Thomas W. Reed; Dean of the Graduate School, Willis Henry Bocock; Dean of the Peabody School of Education, Thomas Jackson Woofter; President of the Lumpkin Law School, George F. Gober; Dean of the Lumpkin Law School, Sylvanus Morris; Director of the Biological Laboratories, John Moore Reade; Dean of the School of Commerce, Robert Preston Brooks; Dean of the School of Pharmacy, Robert Cumming Wilson; Director of Extension, James Philander Campbell; Dean of Women, Anne Wallis Brumby; Director of Home Economics, Mary Ethel Creswell.

UNIVERSITY OF HAWAII

HONOLULU, HAWAII

(Cable and Wireless Address: Colwai, Honolulu)

Campus and University Farm occupy 90 acres in Manoa Valley, a residential district 3 miles from centre of Honolulu. Aquarium and Marine Biological Laboratory are at Waikiki; Observatory site on the hill in the Kaimuki district of Honolulu; Agronomy Department of the Experiment Station of the Association of Hawaiian Pineapple Canners occupies buildings and about 95 acres of land in Wahiawa, some 20 miles from the city; Waiakea Demonstration Farm of 90 acres is at Waiakea, near Hilo on the island of Hawaii.

University for men and women under control of Territory of Hawaii.

College of Agriculture and Mechanic Arts established by legislative enactment in 1907. Name changed to College of Hawaii by Legislature, 1911. Legislature of 1919 passed act effective July 1, 1920, by which the College of Hawaii was replaced by the University of Hawaii.

Board of Regents of 7 members, 5 appointed for periods of 5 years and 2 ex officio, the President of the Board of Agriculture and Forestry and the President of the University. Undergraduate colleges of Applied Science and of Arts and Sciences,

Extension Division. Graduate students directed by Committee on Graduate Work. Psychological Clinic conducts research in addition to laboratory work for schools, courts, etc. Experiment Station of Association of Hawaiian Pineapple Canners managed by the University.

Financial resources: From Second Morrill Act and Nelson Amendment: $50,000 a year. From Territory of Hawaii: $482,830 for biennium July 1, 1925 to June 30, 1927. Total expenditures for year ending June 30, 1926: $371,035.13. Budget, 1926–1927, for administration and instruction: $263,000. Grant of $20,000 a year for 5 years by Rockefeller Foundation to assist University in study of biological, mental and social characteristics of peoples of Hawaii.

Grounds and buildings: Lands under control of the University exclusive of the leased lands used for the Experiment Station of the Association of Hawaiian Pineapple Canners valued at $773,000. Buildings: $540,000. Equipment: $325,000.

Library (1924): 38,447 volumes including 14,691 government documents; 116,173 pamphlets; 370 current periodicals. Special collections: Oriental-Occidental Relations; Chinese and Japanese books. Libraries of Bishop Museum (Polynesian Ethnology and Natural History), Experiment Station of Hawaiian Sugar Planters Association, Board of Agriculture and Forestry, and Territorial Archives are available for advanced students.

Laboratories: Gartley Hall (1922): Physics and Chemistry; Botany, Zoology at the Marine Biological Laboratory (1920), at Waikiki; Engineering, Agriculture, Home Economics, Entomology, and Art in Hawaii Hall.

Museums: Honolulu Aquarium maintained by University. Collections of Bishop Museum in the fields of Polynesian Anthropology, Ethnology and Natural History are available for advanced students.

Observatory: 6-inch refractor 2 miles from the campus.

Health program: Physical examinations of all students annually.

Admission requirements: 15 units including English 3; Mathematics 2. Of the remaining 10, at least 5 must be selected from Languages, Mathematics, History, and Sciences. Psychological examination required. Candidates are judged on the basis of quality of high school record and results of Thorndike examination. One condition rarely allowed.

Degree requirements: A.B.: Minimum of 128 semester hours and 136 grade points. Prescribed subjects: English, 12 semester hours; American Institutions, 6; Science, 6; Introduction to Philosophy, 3; Logic, 3; Military Science or Physical Education, 8. By the end of second year all candidates must possess a reading knowledge of at least one language besides English. S.B.: Prescribed programs in Agriculture, Civil Engineering, Sugar Technology, Home Economics and Vocational Education. General Science program is more elastic with approximately one half the electives in either Physical Sciences or Biological Sciences. Minimum requirement in any program is 132 semester hours; a minimum of 136 grade points required. All curricula must include: English 10, Chemistry 8, and Military Science or Physical Education 8. M.A. and M.S.: At least 1 year of residence after bachelor's degree involving not less than 1,600 working hours, an examination in candidate's field of work, and an acceptable thesis involving original investigation.

General requirements: All able-bodied male citizen students required to take 8 semester hours of Military Science. Women students are required to take 1 semester hour of Physical Education throughout four years.

Departments and Staff: Agriculture: *Professors*, 2; *Assistant Professors*, 0; *Instructors*, 1. Art: 1, 0, 1. Botany: 1, 0, 1. Chemistry: 2, 1, 1. Economics and Commerce: 1, 1, 1. Education and Psychology: 3, 0, 0. Engineering: 3, 0, 0. English: 1, 3, 2. Entomology: 1, 0, 1. Geology and Geography: 1, 0, 0. History and Political Science: 1, 0, 4. Home Economics: 0, 2, 0. Languages (Chinese, French, Hawaiian, Japanese, Spanish): 4, 0, 1. Mathematics: 1, 0, 0. Military Science: 1, 2, 0. Philosophy: 0, 1, 0. Physical Education: 0, 0, 2. Physics: 1, 0, 1. Zoology: 1, 0, 1.

Enrolment for year ending June 30, 1926: Graduate Students: 26: Men, 13; women, 13. College of Applied Science: 214: Men, 189; women, 25. College of Arts and Sciences: 246: Men, 139; women, 107. Special students: 195: Men, 46; women, 149.

Degrees conferred year ending June 30, 1926: 62: A.B., 35; B.S., 23; M.A., 2; M.S., 1; Sc.D., 1. Degrees conferred since founding of College of Hawaii: 281.

Registration fee, $5 a semester. Tuition, free to residents of Hawaii: for non-residents, $25 a semester. Diploma fee, $5. Laboratory fee, $1 to $5. Board and room, $400 a year. Annual expenses: Liberal $500 a year; low, $350.

Scholarships: 14 with average stipend of $100.

Research in comparative racial psychology conducted by Psychological Clinic is to be extended into fields of physical and social characteristics with aid of grant of $20,000 a year for 5 years from Rockefeller Foundation. Research in field of Pacific relations in cooperation with Institute of Pacific Relations. Research in systematic Botany and Zoology conducted in cooperation with Bishop Museum. Research in pineapple culture and related subjects conducted in Experiment Station of Association of Hawaiian Pineapple Canners (budget for 1926: $100,000). Research on chaulmoogra oil and treatment of leprosy in cooperation with U. S. Public Health Service.

Dates of beginning and ending sessions: Year begins on second Monday of September and runs for 36 weeks with 2 weeks recess at Christmas.

University Extension: During year 1925–26, 719 students were registered in Extension Division in short courses and evening classes. A weekly "Extension Letter" deals chiefly with agricultural matters.

Publications: "Quarterly Bulletin" started in 1922, comprises the annual catalog published in spring, and other official publications. Original contributions are published as "Occasional Papers."

Administrative officers: President, David L. Crawford; Dean, College of Applied Science, Arthur R. Keller; Dean, College of Arts and Sciences, Arthur L. Andrews; Director of Extension, David L. Crawford; Chairman, Committee on Graduate Work, Richard Wrenshall; Registrar, Helen B. MacNeil.

THE UNIVERSITY OF IDAHO

MOSCOW, IDAHO

State university, including State Agricultural College and Experiment Station. Coeducational.

Established by act of Territorial Legislature in January, 1889. Act confirmed by State Constitution adopted November, 1889. Opened October 3, 1892.

Board of Regents, which is also the State Board of Education of Idaho. Five members named by Governor of the State, one each year for a term of 5 years. State Superintendent of Public Instruction, elected biennially, is ex officio a member of State Board of Education. University includes schools and colleges of Letters and Sciences, Agriculture, Engineering, Law, Mines, Forestry, Education, Business Administration, and a Graduate School. In College of Letters and Science there are also curricula in Home Economics, Premedical and Prenursing Studies, Music, and Architecture.

As a State University and Land-grant College, the University of Idaho receives support from three general sources: (1) Federal appropriations for instruction, experimentation and extension in agriculture and related subjects; (2) the income from Federal land-grants amounting in all to 286,000 acres, only a part of this being productive; (3) State appropriations made at biennial sessions of the Legislature. The fiscal year of the University is the calendar year beginning January 1.

Annual budget (calendar year): $1,000,000. Campus (50 acres) and adjacent university farms, 658 acres. Substation farm at four other points in State, 750 acres. 36 buildings. Value of property exceeds $2,000,000. 4 residence halls and 3 cottages occupied by students, together with 20 fraternity and sorority houses.

Library (1920), 87,000 volumes, including 40,000 volumes of government documents; 390 current periodicals.

Science Hall (1923–25), $450,000; Chemistry, Agricultural Chemistry, Bacteriology, Botany, Zoology, and part of Physics Laboratories. Plant Pathology, Soils, and Forestry in Morrill Hall (1906). Engineering laboratories in Engineering Building (1902) and annex (1918); also in Engineering Shops (1923), Mining and Geology in Geology Building (1906) and Metallurgical Laboratory (1906). Dairy Building (1918). Home Economics, Architecture, and Physics in Administration Building. Equipment, $600,000.

Physical examinations and mental tests for all entering students. Armory and Gymnasium for men (1927), $225,000. Gymnasium for women. Athletic fields. Infirmary (3 nurses and 2 part-time physicians).

Admission requirements: 15 units, including English 3, History or Social Science 2, Physical Science 2, Mathematics 2 (for Engineering and Mines 3), Latin or Modern Language 2 (required for Letters, Science, Law and Business only). Deficiencies in specific requirements must be removed by beginning of second year. Applicants who present a record of scholarship which does not show grades in 10 units of high school work which are at least one grade above lowest passing grade of school are admitted only on probation. Applicants for admission to the College of Law satisfy requirements for College of Letters and Science, and in addition 2 years of work in that college with three-fourths of their credits better than D.

Degree requirements: Letters and Science, 128 semester hours; Engineering, 146 to 150; Mines, 145; Education, 128; Agriculture, 142; Law, 74; Forestry, 140; Business, 128. All curricula but Letters and Science, Agriculture, and Education largely prescribed. In these there is a list of prescribed subjects and an election controlled by a system of major and minor subjects. In all cases students must have grades above D in three-fourths of credits presented for graduation. For the Master's degree: Minimum requirement, 24 semester credits of graduate work, at least 12 of these in major subject. One year residence requirement and better than passing grades are required. Thesis and oral examination required.

General requirements: Two years of Physical Education required of women; 2 years of Military Science and Tactics required of men. Women not residing with their own families must live in University halls or sorority houses.

Departments and Staff: Agricultural Chemistry: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Agricultural Education: 0, 1, 0, 0. Agricultural Engineering: 1, 0, 0, 1. Agronomy: 1, 1, 0, 1. Animal Husbandry: 1, 1, 1, 0. Architecture: 1, 0, 0, 1. Bacteriology: 1, 0, 0, 0. Botany: 1, 0, 1, 0. Business Administration: 0, 3, 0, 3. Chemistry: 2, 0, 1, 3. Civil Engineering: 0, 1, 0, 3. Classical Languages: 1, 0, 0, 1. Dairy Husbandry: 1, 1, 0, 1. Education: 2, 0, 1, 0. Electrical Engineering: 1, 0, 1, 0. English: 1, 1, 3, 5. Entomology: 0, 1, 0, 0. Forestry: 1, 0, 1, 2. Geology: 1, 0, 1, 0. History: 1, 1, 0, 0. Home Economics: 1, 2, 2, 0. Horticulture: 1, 1, 0, 0. Law: 1, 2, 0, 0. Mathematics: 1, 0, 1, 1. Mechanical Engineering: 1, 0, 1, 1. Military: 1, 0, 1, 4. Mines: 0, 0, 1, 0. Modern Languages: 2, 1, 2, 4. Music: 1, 0, 4, 2. Philosophy: 1, 0, 0, 0. Physical Education: 0, 0, 1, 1. Physics: 1, 0, 3, 0. Plant Pathology: 1, 0, 0, 0. Poultry Husbandry: 1, 0, 0, 0. Psychology: 1, 0, 1, 0. Zoology and Entomology: 1, 0, 2, 1.

Degrees conferred in June, 1926: 255 Bachelor's degrees, 28 Master's degrees.

Degrees conferred since foundation: Bachelor's degrees, 1,769: A.B., 556; B.S., 190; Ph.B., 6; B.A. in Education, 5; B.Mus., 20; B.S. in Home Economics, 86; B.S. in Household Arts, 8; B.S. in Agriculture, 193; LL.B., 122; B.S. in Business, 52; B.S. in Civil Engineering, 87; B.S. in Electrical Engineering, 59; B.S. in Mechanical Engineering, 21; B.S. in Chemical Engineering, 16; B.S. in Mining Engineering, 84; B.S. in Metallurgy, 3; B.S. in Geology, 11; B.S. in Forestry, 51; B.S. in Education, 199. Master's degrees, 124: M.A., 32; M.S., 24; M.S. in Home Economics, 2; M.S. in Agriculture, 18; M.S. in Geology, 4; M.S. in Education,

22; M.S. in Metallurgy, 16; M.S. in Forestry, 2; Civil Engineer, 1; M.S. in Civil Engineering, 1; M.S. in Mechanical Engineering, 2.

Tuition free to residents of Idaho, except fee in Law ($12.50 a semester). For nonresidents of Idaho, tuition fee $30 a semester. Health fee, $4 a semester. Diploma fee, $5. Rooms in University halls, $2 a week; board, $6 a week. Annual expenses, $450 to $700.

A limited number of graduate scholarships and fellowships, value $250 to $750, according to amount of service rendered the department concerned.

State and U. S. Bureaus of Mines and Geology use laboratories of University School of Mines for research.

One-half of students earn all or part of expenses through college.

University opens middle of September. Each semester 18 weeks. Christmas vacation of 2 weeks.

Summer session of 6 weeks for undergraduate courses; 9 weeks for graduate courses. Begins second or third Monday in June. Attendance, 1925 sessions, 233.

Annual catalog in May. President's report published biennially with report of State Board of Education.

Achievements of year ending June 30, 1926: State-wide campaign by Idaho Memorial Association for funds to erect Armory and Gymnasium on University campus, as war memorial. Development of separate School of Business Administration and Graduate School.

Administrative Staff: President, ——; Dean of the Faculty, Jay Glover Eldridge (in charge of foreign students); Registrar, Ella L. Olesen; Dean of Women, Permeal J. French; Dean of Letters and Science, Martin Fuller Angell; Dean of Agriculture, Edward John Iddings; Dean of Engineering, Ivan Charles Crawford; Dean of Law, Robert McNair Davis; Dean of Mines, Francis Andrew Thomson; Dean of Forestry, Francis Garner Miller; Dean of Education, James Franklin Messenger; Dean of Business, Harrison Clifford Dale; Dean of Graduate School, Jerry Edward Wodsedalek.

UNIVERSITY OF ILLINOIS

URBANA, ILLINOIS

Name for bequests: The Board of Trustees of the University of Illinois.

Urbana, Illinois: Main campus. Chicago, Illinois: The College of Medicine at Congress and Honore Streets, the College of Dentistry at Harrison and Honore Streets, and the School of Pharmacy are at 701 South Wood Street.

State University; coeducational; nondenominational; publicly controlled and supported chiefly by the State of Illinois, and partly by Federal funds (for Agriculture and Mechanic Arts) and endowment.

History: Incorporated February 28, 1867 by General Assembly of State of Illinois as The Illinois Industrial University (name changed to The University of Illinois, 1885) following the act of Congress known as the "Morrill Land Grant Act," and opened on March 2, 1868. Instruction from the first included Literature and the Arts, Classical and Scientific studies, Agriculture, Engineering, Military Science and Tactics. Colleges and Schools were founded later as follows: Graduate School, 1892; Summer Session, 1894; School of Music, 1897; College of Law (organized in 1896 as School of Law), 1900; College of Liberal Arts and Sciences (merger of the College of Literature and Arts and the College of Science), 1913; the College of Commerce and Business Administration (courses in Business Administration first organized in 1900), 1915; College of Education (organized, 1905, as the School of Education), 1918. Research divisions were founded as follows: Agricultural Experiment Station, 1888; Engineering Experiment Station, 1903; Bureau of Educational Research, 1918; Bureau of Business Research, 1921; Research and Educational Hospital of State of Illinois, operated administratively by State Department of Public Welfare and professionally staffed by University medical faculty, 1925. Chicago College of Pharmacy, founded in 1859, became School of Pharmacy of University of Illinois in 1896; College of Physicians and Surgeons of Chicago was affiliated with Uni-

versity in 1897; arrangement discontinued in 1912; in 1913 property of College of Physicians and Surgeons was given to University and became College of Medicine; School of Dentistry, organized as a department of the College of Medicine in 1901, became College of Dentistry in 1905, was closed with the College of Medicine in 1912 and reopened in 1913.

Board of 11 Trustees. Governor of State and Superintendent of Public Instruction ex officio members. The other 9 members are elected by the people of the State for terms of 6 years. For the purpose of administration, the University is divided into colleges and schools, not educationally separate, but interdependent forming a single unit: I. The Colleges of Liberal Arts and Sciences. II. The College of Commerce and Business Administration. III. The College of Engineering. IV. The College of Agriculture. V. The College of Education. VI. The College of Law. VII. The School of Music. VIII. The Library School. IX. The Graduate School. X. The College of Medicine. XI. The College of Dentistry. XII. The School of Pharmacy.

Financial resources: State Appropriations: Operation, Income 1925–26, $4,250,000. Budget, 1926–27, $4,250,000. Land and Buildings: Income, 1925–26, $321,891.03. (The amount expended out of the biennium appropriation of $2,000,000); Budget, 1926–27, $1,678,108.97. Special Agricultural Experiment Station Operation: Income, 1925–26, $10,898.05; Budget, 1926–27, $15,000. Total income from State 1925–26: $4,582,789.08. United States Land Grant Act of 1862 (Interest on Endowment, Principal $649,013): Income, 1925–26, $32,450.66; Budget, 1926–27, $32,450.66. Morrill and Nelson Acts: Income, 1925–26, $50,000; Budget, 1926–27, $50,000. Hatch and Adams Acts (Agriculture): Income, 1925–26, $30,000; Budget, 1926–27, $30,000. Smith-Lever Act (Agriculture): Income, 1925–26, $228,495.98; Budget, 1926–27, $228,495.98. Smith-Hughes Act (Vocational Education): Income, 1925–26, $14,606.67; Budget, 1926–27, $16,000. Purnell Act (Agriculture): Income, 1925–26, $20,000; Budget 1926–27, $30,000. Total Income from Federal Funds, 1925–26: $375,553.31. Student fees: Income, 1925–26, $801,030.68; Budget, 1926–27, $765,000. Departmental Sales, etc: Income, 1925–26, $363,500.43; Budget, 1926–27, $322,900. McKinley Endowment (Principal $100,000): Income, 1925–26, $6,400; Budget, 1926–27, $7,000. Athletic Association for Research in Athletics: Income, 1925–26, $8,320. Grand Total: Income, 1925–26, $6,137,593.50. Budget, 1926–27: $7,424,954.95. Total annual expenditures for year ending June 30, 1926: $7,056,511.49. Total annual expenditures for: Administration and Physical Plant Operation, $1,214,184.79; Instruction and Research, $4,059,490.49; Capital Additions, $1,782,836.21.

Grounds and Buildings: Main campus, 305 acres: experimental farms, 1,028; timber reservations, 60; all in Champaign County. Away from main campus: Experimental fields, 688; trust farms, 346; land occupied by the Chicago Schools, 2 acres. There are 64 important buildings on the main campus: 5 in Chicago, and 28 on the experimental farms in Champaign County. Two large and two small residence halls house a total of 345 women; there are no dormitories for men. Total value of land about $2,000,000; buildings, $12,500,000; equipment, $3,225,000; books, $1,325,000; total about $19,000,000. A new building for Architecture and kindred subjects costing $500,000 and an addition to the Armory costing $350,000 will be built during 1926–27.

Library (1925–26): cost $1,250,000. New Medical Library in connection with the Research Laboratory of the College of Medicine erected 1924–25. Total number of volumes 707,717: In Urbana, 669,279; in Chicago, 37,438. 8,885 current periodicals. Special collections: Architecture, Classics, Chemistry, Entomology, Mathematics Medicine, Law, Western United States History, Transportation, Economic Theory, Municipal Government, International Law, and Italian History. Over 6,000 serials are received in Urbana currently and over 250 are currently received by the libraries in Chicago. Systematic effort is made to make important sets complete. 389 sets of scientific journals in library of College of

Medicine with complete files for over 300. Access to the Crerar Library.

The Illinois Historical Survey is a department of the graduate school established in 1910 to conduct research on the history of the State of Illinois. It has a collection of 120,000 pages of transcripts from Spanish archives; of newspaper photostats and books relating to western history; and a calendar of material in the Washington archives.

"Bulletin of Agricultural Experiment Station," 1888–1926. "Bulletin of Engineering Station." "University of Illinois Studies," General Series, I–III, 1900–10. "University of Illinois Studies": "Biological Monographs," X; "Language and Literature Series," X; "Social Science Series," XII.

Laboratories: Several scientific departments have separate buildings, notably Chemistry, Physics, Astronomy, Electrical Engineering, Mechanical Engineering, Theoretical and Applied Mechanics, Ceramic Engineering, Farm Mechanics, Dairy Husbandry for Dairy Manufacturers, Animal Pathology, Genetics, Agronomy, Floriculture, Horticulture, Vegetable and Plant Breeding. Other buildings housing laboratories are: Natural History, Vivarium Building, Agricultural Building, New Agricultural Building, Research Laboratory and Library in connection with the College of Medicine. The College of Dentistry, and the School of Pharmacy. There are also numerous small buildings housing special laboratories of the College of Agriculture and Engineering, e. g., an Agronomy field house, experimental dairy barns, locomotive testing laboratory, wood shop, machine and forge laboratory, mining engineering laboratory. Scientific equipment in all departments on June 30, 1926 valued at $1,500,000.

Museum: Art collection of casts, photographs, engravings, prints, and paintings. Four museums: (1) Classical Art and Archaeology, (2) European Culture, (3) Oriental Museum, (4) Natural History Museum, the latter in Natural History Building having a research collection of 500,000 specimens including special exhibits of Greenland Eskimo material from the Crocker Land Expedition and the Archaeology of the Cahokia Mound Builders; research collections of specimens, for Botany, Entomology, Geology and Geography, and Zoology. Collections of materials and products of farm and manufacture in Colleges of Agriculture and Engineering. College of Commerce has exhibits for courses in Industrial Economics.

Observatory (1896): 12-inch refracting telescope and other equipment.

Health program: Medical examination of all students required. Physical defects are noted and corrective measures prescribed. These cases are kept under supervision. Health Education required in first year. Two years of physical education required of both men and women, individual and corrective exercises being given to those who cannot take regular work. Specialists in corrective work for both men and women are in charge of this instruction. Gymnasium and swimming-pool for women in Woman's Building (1923); $725,000 gymnasium for men completed in 1926. A $2,000,000 Memorial Stadium, seating 67,000, the gift of the alumni and other friends of the University, finished in 1924. Two additional athletic fields for men and one for women. Intramural athletics fostered. Health service work includes medical inspection, free medical consultation at the Health Office, campus sanitation and public health protection. Twelve physicians, 8 men and 4 women, are employed full time. A new $350,000 hospital provides accommodations for 100 students and members of the faculty. An optional fee of $3 a semester provides all who enroll free hospital service for 4 weeks.

Admission requirements: 15 units of secondary work in acceptable subjects required for admission to undergraduate colleges and schools and to School of Pharmacy. No conditions permitted. Requirements for admission to Liberal Arts and Sciences include 2 units of one language and to Engineering 3 units of Mathematics. Sixty hours (2 full years) of recognized college work required for admission to Colleges of Law and Education. Four years

of acceptable secondary school work and 2 years of college work including certain prescriptions required for admission to College of Medicine. In College of Dentistry 1 year of approved college work required in addition to secondary school work. A bachelor's degree is required for admission to Library School. Admission to the Graduate School is dependent on character of college work of applicant and standing of the institution from which he graduated. A bachelor's degree is necessary in every case. Non-residents of Illinois are required to present evidence of having maintained a scholastic average of at least 10 per cent above the passing grade of the institution from which they wish to enter the University.

Degree requirements: In all undergraduate curricula from 130 to 142 semester hours credit required for bachelor's degree. Candidates for degrees in Engineering, in Chemistry and Chemical Engineering (Liberal Arts and Sciences) and in School of Music must also complete the curriculum as prescribed. Degrees conferred: A.B. (General course in Liberal Arts and Sciences) and B.S. In the professional schools the requirements for the various schools are as follows: *College of Law:* LL.B., 84 semester hours distributed over 3 years; B.S. in Law, 2 years work in College of Liberal Arts and Sciences plus 2 years in Law, a total of 134 semester hours; J.D., an A.B. or B.S. degree plus curriculum for LL.B. with a minimum grade of B. (A–Excellent; B–Good; C–Fair; D–Poor but passing; E–Failure) plus a thesis. *Library School:* At least 130 hours of college work with bachelor's degree plus 71–75 hours covering a period of 2 years. At end of first year degree in Library Science (B.L.S.) and at end of second year degree of Master of Science in Library Science (M.L.S.). *College of Medicine:* For degree of B.S., entrance requirements plus 2 years in the College; for degree of M.D., 3,910 clock hours of prescribed and elective work covering a period of 4 years, plus 1 year of internship in an approved hospital. *College of Dentistry:* For degree of B.S. 2 years in a college of Liberal Arts and Sciences and 2 years in the College; for degree of D.D.S., 4 years in the College, including 178½ semester hours of prescribed work. *School of Pharmacy:* 3-year course leads to degree of Pharmaceutical Chemist (Ph.C.). In the *Graduate School* the requirements for the Master's degree (A.M. or M.S.) are at least 1 full year's work (from 4 to 5 unit courses a semester) in residence, including a thesis. *Professional degrees in Engineering:* (M. Arch., A.E., Cer.E., C.E., E.E., M.E., and E.M.) are conferred: 1. On graduates of College of Engineering who have been engaged in acceptable professional work for at least 3 years after receiving the B.S. degree. 2. Graduates of University or of an institution of recognized standing who have been engaged in acceptable professional work in residence at University for at least 3 years after receiving the B.S. degree. A thesis is also required. Requirements for Ph.D.: Pursuit of a major subject in which the candidate's research lies and one or two minors closely related to the major; a minimum period of study of 3 years, the first two or the last one of which must be in residence at the University; a preliminary examination before the beginning of the third year to determine whether the applicant shall be accepted as a candidate for the degree in the following year; ability to read French, German, and other languages needed in candidate's work; a final examination based on the research of candidate; a thesis demonstrating the power of independent research.

General requirements: In the undergraduate curricula each person is required to pursue studies aggregating not fewer than 15 or more than 18 semester hours (in the College of Law not fewer than 14 nor more than 16 hours) a semester, except by permission of the Dean of the College concerned. All undergraduate women are required to take physical education and hygiene the first 2 years. Undergraduate men must take Physical Education 2 years and hygiene 1 year. Undergraduate men are also required to take Military Science and Tactics during first 2 years. Candidates for a bachelor's degree must spend either the first 3 years or the last year in residence at the University, while candidates for the

degree of Doctor of Philosophy must spend either the first 2 or the last year in residence. All undergraduate students are required to take 6 hours of Rhetoric.

Departments and Staff: *College of Liberal Arts and Sciences:* Art and Design: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 2; *Associates*, 0; *Instructors*, 2. Astronomy: 1, 0, 0, 1, 0. Bacteriology: 1, 0, 1, 0, 0. Botany: 4, 0, 1, 0, 3. Chemistry: 9, 0, 7, 8, 4. Classics: 4, 0, 1, 0, 1. English: 6, 3, 14, 3, 7. Entomology: 1, 0, 2,-1, 1. Geology: 4, 1, 2, 2, 1. German: 3, 0, 2, 1, 2. History: 5, 1, 4, 1, 2. Mathematics: 5, 2, 2, 5, 11. Philosophy: 2, 1, 0, 0,-2. Physiology: 0, 1, 0, 0, 1. Political Science: 3, 0, 1, 1, 0. Psychology: 1, 0, 2, 3, 2. Romance Languages: 4, 0, 2, 1, 2. Sociology: 1, 1, 0, 1, 1. Zoology: 3, 3, 3, 1, 5. *College of Commerce and Business Administration:* Business Organization and Operation: 4, 4, 5, 1, 10. Economics: 5, 6, 3, 5, 6. Transportation: 1, 0, 1, 4, 0. *College of Education:* Athletic Coaching: 3, 2, 1, 6, 3. Education: 5, 0, 1, 3, 3. Bureau of Education Research: 1, 0, 1, 1, 0. Supervision and High School Instruction: 1, 0, 1, 2, 16. Agricultural Education: 0, 1, 0, 0, 3. Home Economics Education: 0, 0, 0, 2, 1. Industrial Education: 0, 1, 1, 1, 0. *College of Engineering:* Architecture: 3, 2, 4, 1, 5. Ceramic Engineering: 1, 1, 1, 1, 0. Civil Engineering: 5, 2, 5, 0, 4. Electrical Engineering: 2, 0, 4, 0, 7. General Engineering Drawing: 1, 0, 3, 2, 6. Mechanical Engineering: 3, 3, 3, 3, 5. Mining Engineering: 1, 0, 2, 0, 1. Theoretical and Applied Mechanics: 2, 1, 4, 2, 3. Physics: 4, 1, 1, 1, 2. Railway Engineering: 3, 0, 1, 0, 1. Engineering Experiment Station: 6, 1, 3, 4, 0. *College of Agriculture:* Agronomy: 5, 1, 4,-12, 1. Animal Husbandry: 8, 4, 2, 4, 2. Dairy Husbandry: 4, 2, 4, 4, 1. Farm Mechanics: 1, 0, 1, 2, 2. Farm Organization and Management: 0, 1, 3, 3, 1. Home Economics: 1, 0, 5, 6, 6. Horticulture: 5, 4, 7, 8, 0. *Library School:* Library: 1, 1, 2, 1, 2. *College of Law:* Law: 9, 1, 0, 0, 0. *School of Music:* Music: 2, 1, 2, 4, 8. *Physical Welfare:* Physical Welfare for Men: 3, 1, 1, 5, 5. Physical Welfare for Women: 1, 1, 1, 1, 4. Health Service: 1, 1, 2, 3, 0. Military: 1, 4, 13, 6, 0. *College of Medicine:* Anatomy: 1, 3, 1, 0, 7. Dermatology: 1, 0, 0, 3, 2. Laryngology, Rhinology and Otology: 1, 1,-1, 2, 1. Internal Medicine: 2, 6, 4, 10, 5. Neurology and Psychiatry: 3, 0, 2, 3, 1. Pediatrics: 1, 1, 1, 6, 3. Obstetrics and Gynecology: 3, 2, 4, 6, 8. Ophthalmology: 2, 0, 0, 4, 0. Pathology and Bacteriology: 2, 3, 0, 2, 4. Pharmacology and Therapeutics: 1, 0, 0, 1, 2. Physiology: 1, 0, 1, 1,-1. Physiological Chemistry: 1, 0, 1, 0, 2. Radiology: 2, 0, 0, 0, 0. Social Hygiene, Criminology and Medical Jurisprudence: 2, 0, 0, 0, 2. Surgery: 8, 4, 7, 10, 11. *College of Dentistry:* English: 0, 0, 0, 0, 1. Histology: 1, 0, 0, 0, 1. Materia Medica and Therapeutics, 0, 1, 0, 0, 3. Operative Dentistry: 1, 1, 1, 2, 2. Oral Surgery: 2, 0, 1, 0, 4. Orthodontia and Children's Clinic: 1, 1, 0, 0, 1. Prosthetic Dentistry: 1, 2, 1, 0, 3. Roentgenology and Photography: 0, 0, 1, 0, 0. Technical Drawing: 0, 0, 0, 0, 1. *School of Pharmacy*: Pharmacy: 4, 0, 1, 1, 4. Total Staff: 192, 85, 165, 178, 224; Assistants, 440. See also Chapters V–VI.

Enrolment: Total number of matriculates since foundation: 54,047. Summary of students, 1925–26: Liberal Arts and Sciences: Chemical Engineering: Men, 122; Chemistry: 58: Men, 56; women, 2. General: 2,805: Men, 918; women, 1,887. Home Economics: Women, 264. Journalism: 243: Men, 149; women, 94. Preparatory to Law: 337: Men, 323; women, 14. Preparatory to Medicine: 316: Men, 302; women, 14. Liberal Arts and Sciences, 4,145: Men, 1,870; women, 2,275. Commerce: Accountancy: 228: Men, 217; women, 11. Banking: 74: Men, 73; women, 1. Commerce and Law: Men, 96. Commercial and Civic Secretary: 13: Men, 8; women, 5. Commercial Teachers: 16: Men, 5; women, 11. Foreign Commerce: 52: Men, 50; women, 2. General Business: 1,49 : Men, 1,-391; women, 108. Industrial Administration: Men, 121. Insurance: 6 Men, 5; women, 1. Public Utilities: Men, 21. Railway Administration: Men, 16. Railway Transportation: Men, 4. Total, Commerce: 2,146: Men, 2,007; women, 139. Education: Athletic Coaching: Men, 514. Gen-

eral: 272: Men, 64; women, 208. Industrial: 97: Men, 93; women, 4. Public School Music: Women, 8. Smith-Hughes, Agriculture: Men, 4. Smith-Hughes, Home Economics: Women, 25. Total, Education: 920: Men, 675; women, 245. Engineering: Architectural Engineering: Men, 172. Architecture: 150: Men, 144; women, 6. Ceramic Engineering: 89: Men, 88; women, 1. Civil: Men, 292. Electrical: Men, 471. Gas: Men, 4. General: Men, 105. General Engineering Physics: Men, 6. Mechanical: Men, 233. Mining: Men, 38. Municipal and Sanitary: Men, 15. Railway Civil: Men, 17. Railway Electrical: Men, 21. Railway Mechanical: Men, 8. Total, Engineering: 1,621: Men, 1,614; women, 7. Agriculture: Farm Organization and Management: Men, 2. Floriculture: 43: Men, 35; women, 8. General: 432: men, 417; women, 15. Home Economics: Women, 132. Landscape Architecture: 64: Men, 46; women, 18. Total, Agriculture: 673: Men, 500; women, 173. Music: 130: Men, 24; women, 106. Total, undergraduates: 9,635: Men, 6,690; women, 2,945. Law: 3-year course: 243: Men, 235; women, 8. 4-year course: 38: Men, 34, women, 4. Total Law: 281: Men, 269; women, 12. Library: 59: Men, 7; women, 52. Total undergraduate and professional students at Urbana: 9,975: Men, 6,966; women, 3,009. Graduate School (Urbana): 766: Men, 604; women, 162. Deduct duplicates: 31: Men, 21; women, 10. Total at Urbana, Winter Session: 10,710: Men, 7,549; women, 3,161. Summer Session: 1,940: Undergraduates: Men, 1,152; women, 788. Graduates: 472: Men, 344; women, 128. Total, Summer Session: 2,412: Men, 1,496; women, 916. Deduct duplicates: 859: Men, 595; women, 264. Net total (Summer Session only): 1,553: Men, 901; women, 652. Total at Urbana to February 27, 1926: 12,263: Men, 8,450; women, 3,813. Medicine: 492: Men, 466; women, 26. Dentistry: 150: Men, 142; women, 8. Pharmacy: 487: Men, 458; women, 29. Total, undergraduates Chicago: 1,129: Men, 1,066; women, 63. Graduate School (Chicago): 18: Men, 15; women, 3. Deduct Duplicates: 11: Men, 9; women, 2. Total, Chicago: 1,136: Men, 1,072; women, 64. Total, winter session, Urbana and Chicago: 11,846: Men, 8,621; women, 3,225. Total in University to February 27, 1926: 13,399: Men, 9,522; women, 3,877.

Degrees: Total number of degrees conferred year ending June 30, 1926: 2,243: Degrees in the Graduate School: 300: A.M., 113; M.S., 116; M.Arch., 1; Cer.E., 1; C.E., 3; E.E., 4; M.E., 2; Ph.D., 60. Baccalaureate degrees: 1,487: A.B., 451; B.S. in Liberal Arts and Sciences, 41; B.Litt. (Class of 1878) 1; B.S., in Commerce, 327; B.S. in Engineering, 230; B.S. in Engineering (Class of 1876) 1; B.S. in Agriculture, 124; B.S. in Education, 289; B.Mus., 12; B.L.S., 11. Degrees in Law: 53: B.S., 14; LL.B., 36; J.D., 3; Total, Colleges and Schools at Urbana: 1840. Degrees in Medicine: 170: B.S., 76; M.D., 94. Degrees in Dentistry: 34: B.S., 5; D.D.S., 29. Degrees in Pharmacy: Ph.G., 199. Total, Departments in Chicago: 403. Total number of degrees conferred since foundation: 28,622: Baccalaureate degrees, 18,240; Graduate degrees, 3,114; Law, 692; Library Science, 354; Music, 116; Medicine, 3,521; Dentistry, 932; Pharmacy, 1,653.

Fees: All colleges and schools with exception of Law, Medicine, Dentistry, and Pharmacy: Matriculation fee of $10 and a diploma fee of $10 payable once only. Incidental fee a semester: Residents of Illinois, $25; non-residents of Illinois, $37.50; Laboratory fees to cover material and apparatus used, 50 cents to $15 a course. College of Law: Incidental fee a semester: Residents of Illinois, $37.50; non-residents of Illinois, $56.25. College of Medicine: Incidental fee a year: Residents of Illinois: (first and second years) $130; (third year) $160; (fourth year) $165. Non-residents of Illinois: (first and second years) $165; (third year) $195; (fourth year) $200; Laboratory fee, (first and second years) $35; (third year), $5. College of Dentistry: Incidental fee a year: Residents of Illinois, $125; Non-residents of Illinois, $155. Laboratory fee: (first year) $40; (second year) $35; (third year) $55; (fourth year) $60. School of Pharmacy: Incidental fee a year: Residents of Illinois, $95; Non-residents of Illinois, $120; Laboratory fee $30. Average charge

for lodging, $15 a month. Average charge for board, $7 a week. For all necessary expenses of the year the average student is likely to need not less than $600 to $800.

Scholarships and fellowships: To first-year graduate students are open a number of scholarships with a stipend of $300 and remission of tuition and certain other fees. To second year and third year graduate students there are open fellowships with stipends of $400 and $500 with same remission of fees. Candidates must be graduates of the University or of colleges or institutions having equal requirements for the bachelor's degree. Other scholarships and fellowships: Carr Fellowship in Chemistry for Chemical Engineering ($750); six scholarships of $400 each and ten fellowships of $600 and $800 each in the economics of public utilities and the Du Pont Fellowship in Chemistry of $750. A number of 2-year research graduate assistantships have been established in the Engineering Experiment Station open to graduates of approved technological schools and universities ($600 each). Similar assistantships in the Engineering Experiment Station have been established from time to time by industries and industrial associations, e. g., two by the Illinois Gas Association for research in Gas Engineering, two by the Titanium Alloy Company for research in Ceramic Engineering, two by the American Society of Civil Engineers for Research in Civil Engineering and two by the Austin Manufacturing Company for research work in Highway Engineering. Applications should be made before March 1. Undergraduate scholarships are limited to residents of State of Illinois. One scholarship is given to a resident of each county, the appointee being determined as the result of a scholarship examination in June; other scholarships for each county are available in Agriculture, Home Economics, and Ceramics. Undergraduate scholarships excuse the holder from paying the matriculation fee and incidental fees for four years.

Research: Organized research and scholarly investigations in all departments under direction of Graduate School. Special research in Agricultural and Engineering Experiment Stations. Bureau of Educational Research and Bureau of Business Research. Various cooperative investigations are also undertaken by Engineering Experiment Station and Agricultural Experiment Station under agreements between University and several industrial organizations, e.g., Investigation of the Fatigue of Metals, in cooperation with the National Research Council, the Engineering Foundation, General Electric Company, Allis-Chalmers Company, Copper and Brass Association, and the Western Electric Company; Investigation of the Fatigue of Structrual Parts, Ageing of Porcelain, Boiler Feed Water Treatment, Refractories, in cooperation with the Utilities Research Committee of Illinois; Fatigue of Steel Castings, in cooperation with the American Steel Foundries; Investigation of Warm Air Heating, in cooperation with the National Warm Air Heating and Ventilating Association; Steam and Hot Water Research, in cooperation with the Illinois Master Plumbers' Association and National Boiler and Radiator Manufacturers' Association; Cooperative Investigation of Problems of Illinois Mineral Industries; Cooperative Investigation in the Use of Electricity on the Farm, in cooperation with the Illinois Electrical Association and Central Illinois Public Service Company; Cooperative Investigation in Canning, in cooperation with the Illinois Canning Association. Facilities for investigation and research are further enhanced by location at the University of the following State Bureaus: State Laboratory of Natural History (1885) and State Entomologist's Office (1899) which were merged into State Natural History Survey in 1917; State Water Survey (1897); and State Geological Survey (1905). Funds donated for special research year ending June 30, 1926, amount to $54,541. Total research expenditures year ending June 30, 1926, $671,316.64. Trust Research Donations, $52,300.52; State and Federal Funds: Agricultural Experiment Station, $480,170.08; Engineering Experiment Station, $92,605.43; Bureau of Educational Research, $22,235.72; Bureau of Business Research, $7,536.31; Graduate Research, $16,468.58.

Employment: Y. M. C. A. maintains an employment bureau with full time secretary in charge to assist students in finding work. About one-third of the students earn a part of their expenses. A Committee on Appointment of Teachers recommends qualified graduates for positions as teachers or supervisors in public schools, colleges or technical schools in response to request from school authorities. Dean of College of Education, Chairman of Committee; Principal of University High School, Secretary.

Dates of beginning and ending sessions: Entrance examinations begin on Wednesday preceding September 15; registration days the Monday and Tuesday following September 15 and instruction begins on Wednesday. There are two semesters, each consisting of approximately 18 weeks. Commencement, Wednesday nearest June 15.

Summer session: Instruction begins on first Tuesday following Commencement and session lasts 8 weeks, except for those registered in Athletic Coaching (6 weeks). Instruction is offered in departments in the Colleges of Liberal Arts and Sciences, Commerce, Engineering, Education and Law and the School of Music and the Library School. Enrolment, 1926, 2,116.

Extension: All departments of the College of Agriculture do extension work through specialists provided for this purpose, and through County Farm Advisors. Ninety-four of the one hundred two counties of the State cooperate with the College in this way. University credit is not given for extension work. Other extension activities include short courses held throughout the year, especially by the Colleges of Agriculture and Engineering. Examples are: In Engineering —Electric and Gas, Metermen's Short Courses; Short Courses in Fire Prevention, Control and Extinguishment; Ceramic Engineering; Highway Engineering and Industrial Gas Engineering. In Agriculture—Grain Elevator Management; Corn Germination; Farm Tractors; Dairy Manufacturers; Horticultural Extension; Florists' Week; Truck Growers' Schools; Farmers' Week Short Courses; Conference of Rural Pastors; Extension School for Farm Advisors; Veterinary Conference. A Community Advisor on the staff gives full time to extension work in community and civic problems, both urban and rural.

Publications: Register in March; Annual Report of the President. The University of Illinois Press (organized 1918) has charge of the editing, printing and distribution of publications of the University. The following periodicals are published: Agriculture: "The Bulletins of the Agricultural Experiment Station." "The Circulars of the Agricultural Experiment Station." "The Soil Reports of the Agricultural Experiment Station." Engineering: "The Bulletins of the Engineering Experiment Station." "The Circulars of the Engineering Experiment Station." "The Ceramics Bulletin." Scientific Bureaus: "The State Natural History Survey Bulletins." "The State Geological Survey Bulletins." "The State Geological Survey Monographs." "The State Water Survey Bulletins." "The Illinois Coal Mining Investigations Bulletins." Education: "The College of Education Bulletins." "The Bulletins of the High School Visitor's Office." "The Bulletins of the Bureau of Educational Research." "The Circulars of the Bureau of Educational Research." Commerce: "The Bulletins of the Bureau of Business Research." "The Circulars of the Bureau of Business Research." English: "The Illinois Association of Teachers of English Bulletin." Graduate School: "The Journal of English and Germanic Philology." "The University Studies" (occasional). "The University of Illinois Studies in the Social Sciences." "The University of Illinois Studies in Language and Literature." "The Illinois Biological Monographs." Other works published are: War and Reconstruction: "The War Bulletins and Circulars." General: In addition to the serials enumerated above, the University has published books embodying research, etc.

Achievements of year ending June 30, 1926: Discovery of Chemical Element No. 61 (since named "Illinium"), by Professor B. Smith Hopkins of the Department of Chemistry.

Administrative officers: President, David Kinley; Dean of Men, Thomas Arkle Clark;

Provost and Dean of the College of Liberal Arts and Sciences, Kendric Charles Babcock; Dean of the College of Dentistry, Frederick Brown Moorehead; Dean of the Graduate School, Arthur Hill Daniels; Dean of the College of Education, Charles Ernest Chadsey; Dean of the College of Commerce and Business Administration, Charles Manfred Thompson; Dean of the College of Agriculture, Herbert Windsor Mumford; Dean of the College of Engineering, Milo Smith Ketchum; Dean of the College of Law, Albert James Harno; Dean of Women, Maria Leonard; Dean of the College of Medicine, David John Davis; Dean of the School of Pharmacy, William Baker Day; Registrar, George Philip Tuttle, Jr.; Assistant Dean of Men for Foreign Students, James Gladwyn Thomas.

UNIVERSITY OF INDIANA

See: Indiana University.

UNIVERSITY OF IOWA

IOWA CITY, IOWA

State University. Coeducational.

First General Assembly of Iowa, on February 25, 1847, passed an act establishing and locating a State University at Iowa City, the first capital of the Territory and State of Iowa. In 1855, the capital having been removed to Des Moines, the first statehouse and the land upon which it stood were given to the University. The University opened in March, 1855.

From 1847 to 1909 the government of the University was by Trustees or a Board of Regents. In 1909 control of all State educational institutions was assumed by the Iowa State Board of Education, consisting of 9 members, appointed by the Governor and confirmed by the Senate. Under the law not more than 5 members of the Board may belong to the same political party; and not more than one alumnus of any of the institutions may be members. Members of the board choose, from outside their own membership, a finance committee consisting of 3 members who are required to visit each of the institutions each month. The office of the Iowa State Board of Education is at Des Moines. The University comprises: Graduate College, Colleges of Liberal Arts, Law, Medicine, Dentistry, Pharmacy, Applied Science, Education, and Commerce; Schools of Music, Journalism, Nursing, and Religion; Child Welfare Research Station: Summer Session, Extension Division; and the Division of Maternity and Infant Hygiene.

The bulk of the University's income is derived from appropriations made by the General Assembly of Iowa. Permanent trust and special funds amount to $481,039.36. Income, 1925–1926: Appropriations for general operations, $1,835,774.81. Appropriations for new buildings and additions, $1,041,288. From Federal Government, $30,306.38. From Student fees, $609,874.30. From miscellaneous sources, $96,433.45. From gifts, $36,500. Total income, 1925–26, $3,650,176.94. Expenditures were: For administration, instruction and maintenance, $2,530,239.58. Capital additions, $1,137,451.16. Total expenditures, $3,667,690.74. Through gift of the General Education Board and the Rockefeller Foundation, supplemented by appropriations in equal amount by the Fortieth General Assembly, the sum of $4,500,000 is now being expended in construction of a new medical plant. A tract of 170 acres known after the donors as Finkbine Field. First unit of Iowa Memorial Union (cost $225,000) presented by alumni, students, and other contributors. Field house valued at $400,000 being constructed by Athletic Council. Other notable gifts: Bequests of Mrs. Mark Ranney of $80,000 and her private library and paintings; bequest of Mr. A. Whitney Carr of $50,000 to free scholarship fund; bequest of Judge John F. Dillon of $10,000 for prizes and scholarships in law; Mrs. William G. Hammond's gift of Chancellor Hammond's historical law library.

Grounds and buildings: On a campus of about 385 acres most of some 60 buildings have been erected since beginning of twentieth century. Grounds valued at $1,588,567.93. Completed building: $5,434,489.37. Buildings under construction: $699,844.09. Equipment, $2,841,206.98. Other improvements, $626,671.85. Total, grounds, buildings and equipment, $11,190,780.22.

University libraries, 292,700 volumes (General and 16 departmental, 236,600; Medical library, 13,400; Law library, 42,-700); 1,300 current periodicals. State Historical Society library, 70,000 volumes; Iowa City Public library, 31,000 volumes. A Union Depository Catalog containing the printed cards of the Library of Congress, the John Crerar Library, the Harvard University Library, and the University of Chicago Library is also available.

Laboratories: Astronomical Observatory; Botanical Laboratories (equipment, $38,-131.56). Chemical Laboratories: Building valued at $430,331.95; equipment, $88,101.-80; accommodates 2,750 students. Engineering Laboratories and Hydro-electric Plant (equipment valued at $134,048). Geological Laboratories (equipment valued at $57,984.27). Medical Laboratories; Physical Laboratories; Psychological Laboratories, including Psychological Clinic and Music Laboratory Studio; and Zoological Laboratories, including Laboratories of Animal Biology, Comparative Zoology, Entomology, and Museum Methods. Special Laboratories maintained for the use of research students.

University museums: Following principal collections: Anatomy and Histology; Art and Archæology; Botany; Commerce; Dentistry; Geology; Pathology; Pharmacy; Rome and Pompeii; Zoology. Zoological Museum, one of largest University museums in the country, and includes the Laysan Island cyclorama and various habitat groups.

Health program: The University provides a Student Health Service. Medical examination of all students on entrance. A full-time staff of physicians and nurses. Cases needing hospital service are cared for in University Hospital. Woman's gymnasium. Woman's athletic field. Men's gymnasium. Iowa Field. A Field House under construction includes Armory.

Admission requirements: In the Liberal Arts, Applied Science, and Pharmacy Colleges: 15 units. Graduate and professional schools require from one to 4 years of Liberal Arts study. Iowa Schools from which units may be accepted are those approved by the Board of Secondary School Relations. Graduates from schools outside the State accredited by the State Universities or other accrediting agencies of the respective States will be admitted. Conditions may be made up under immediate direction of the University Examiner within one year after admission.

Degree requirements: In the College of Liberal Arts: 120 semester hours exclusive of Military Science and Physical Training; 180 grade points. Prescribed Courses: English Rhetoric and Composition, 6 semester hours; English Literature, 6; Principles of Speech, 2; Foreign Language, 0–14; Historical and Philosophical Subjects, 12; Science, 12. A major of 24 hours in a single department required after student has reached Sophomore standing.

Departments and Staff: Astronomy: *Professors*, 0; *Associate Professors* 0; *Assistant Professors*, 1; *Instructors*, 0. Bacteriology: 0, 0, 1, 2. Botany: 2, 0, 2, 4. Chemistry: 4, 3, 2, 34. Economics and Sociology: 6, 1, 8, 12. Education: 6, 2, 0, 4. English: 5, 6, 5, 24. Geology: 2, 1, 1, 9. German: 1, 1, 1, 1. Graphic and Plastic Arts: 1, 0, 1, 9. Greek: 4, 0, 1, 1. History: 4, 1, 3, 4. History of Art: 1, 0, 0, 1. Home Economics: 1, 0, 1, 4. Hygiene: 0, 2, 0, 4. Journalism: 1, 1, 1, 2. Latin: 3, 0, 2, 1. Library Methods: 0, 0, 0, 2. Manual Arts: 1, 0, 0, 0. Mathematics: 2, 2, 3, 7. Military Science and Tactics: *Lieutenant Colonel*, 1; *Majors*, 3; *Captains*, 4; *Lieutenants*, 1; *Warrant Officers*, 2; *Master Sergeant*, 1; *Sergeants*, 4. Music: 3, 0, 0, 7. Philosophy and Psychology: 6, 2, 1, 5. Physical Education: 2, 0, 6, 16. Physics: 1, 0, 3, 9. Political Science: 2, 3, 3, 5. Romance Languages: 2, 4, 1, 14. Sanskrit: 1, 0, 0, 0. Speech: 2, 1, 3, 9. Zoology: 3, 1, 2, 6. College of Applied Science: *Professors*, 19; *Associate Professors*, 13; *Assistant Professors*, 15; *Associates*, 2; *Assistants*, 1; *Instructors*, 15. College of Law: *Professors*, 5; *Associate Professors*, 2; *Assistant Professors*, 1; *Assistants*, 1; *Lecturers*, 3. College of Medicine: See page 118. School of Nursing: *Professors*, 23; *Associate Professors*, 2; *Assistant Professors*, 4; *Lecturers* 3; *Associates*, 1; *Instructors*, 8. College of Dentistry: *Professors*, 15; *Associate Professors*, 2; *Assistant Professors*,

5; *Associates*, 3; *Instructors*, 12. College of Pharmacy: 11, 3, 3, 4, 6. See also Chapters V–VI.

Enrolment for year ending June 30, 1925–26: Graduate College: 1,388: Men, 800; women, 588. College of Liberal Arts: 4,131: Men, 1,999; women, 2,132. College of Commerce: 247: Men, 221; women, 26. College of Law: 241: Men, 235; women, 6. College of Medicine: 403: Men, 390; women, 13. College of Dentistry: 249: Men, 248; women, 1. College of Pharmacy: 85: Men, 76; women, 9. College of Applied Science: Men, 271. School of Nursing: Women, 345. School of Music: 307: Men, 78; women, 229. Library Training: 47: Men, 1; women, 46. Child Life: 24: Men, 3; women, 21. Totals, excluding duplicates: 7,188: Men, 4,059; women, 3,129. Non-campus: Graduate College: 137: Men, 95; women, 42. College of Libera Arts: 1,510: Men, 508; women, 1,002. Total, excluding duplicates: 1,630: Men, 591; women, 4,168. Total campus and non-campus: 8,818: Men, 4,650; women, 4,168. Duplicates: 518: Men, 230; women, 288. Net total: 8,300: Men, 4,420; women, 3,880.

Degrees conferred year ending June 30, 1926: 1,295 (including Ph.D., 100; Master's degrees, 376); 346 certificates. Total number of degrees conferred since foundation, 19,486. Degrees granted: First degrees: A.B., B.Mus., B.S. in combined course of Liberal Arts and Medicine, in combined course of Liberal Arts and Nursing, in Chemistry, in Pharmacy, in Physical Education, in School Supervision; LL.B., J.D., M.D., D.D.S., Ph.G., Ph.C., Bachelor of Engineering, S.B. (College of Applied Science). Advanced degrees: M.A., M.S., Ph.D., C.E., E.E., M.E.

Fees and other expenses: Matriculation fee, $10. Graduation fee, $15. Semester fees: Liberal Arts, Education or Commerce, $45; Applied Science, $50; Law, $60; Medicine, $93; Dentistry, $93; Pharmacy, $50; Graduate, $45. An additional fee of $20 a semester in Liberal Arts, Education, Commerce, Applied Science, Law and Pharmacy; $32 in Dentistry is charged to students not residents of Iowa. The Quadrangle, University's residence for men, accommodates 700 men; single room, $144 and $157.50 a year. Currier Hall, University's residence for women, accommodates about 300; single room, $70 to $75 a semester. Board averages $6 a week.

Scholarships and fellowships: Graduate School: 18 scholars ($200 to $300 a year, with free tuition). 18 Junior Fellows ($300 to $400 a year, with free tuition). 3 Senior Fellows ($500 to $800 a year, with free tuition). 15 Research assistants (on half-time $600 and upward in proportion to qualifications for service). 5 Research associates ($1,000 and upward in proportion to qualifications for independent achievement and service). About 60 Graduate assistants, on half-time, $700 to $800. Several scholarships ($20 to $200) in College of Liberal Arts. College of Law: Two scholarships of $112 each. College of Pharmacy: One of $300 a year.

Employment bureau maintained by offices of Dean of Men and Dean of Women. Approximately 45 per cent of men students earn all or part of their expenses. About 10 per cent of women earn part or all of their expenses.

The University maintains free labor bureaus, which are at the service of all students. On the other hand, the University by no means encourages any student to work his way through college unless he finds it imperative to do so. A student who carries a full schedule and performs his duties to the best of his ability has enough to do. Should he find extra time, it may well be devoted to additional reading, debating, journalism, athletics, and other pursuits which are helpful. Moreover, it is obviously impossible for the University to guarantee any person work. Particularly at the outset a student will be wise to fortify himself with a small capital. One who can come to the University with $100 or $200 will find the road much less rugged, although many ambitious, energetic students start with less and make good. It all depends on the ability and determination of the individual. A small loan fund is available to tide students over rough places.

Dates of beginning and ending sessions: First semester: September 19, 1927 to Jan-

uary 28, 1928. Second semester: January 30, 1928 to June 4, 1928.

Summer session: Two terms, one of 6 and one of 5 weeks. Virtually all departments of the University are represented except the Colleges of Dentistry and Pharmacy and the clinical courses in medicine. More than 600 courses are offered by a faculty of more than 200. Enrolment, 1926, 3,640.

University extension: Division established in 1913 includes: Education Service, Social Welfare, Business Administration, Club Service, Public Health, Lantern Slides and Films, Debating and Public Speaking, Iowa Patriotic League, High School Music Festival, Radio Broadcasting, Bureau of Speakers, Home Education, Correspondence Study, Bulletin Series. The Division of Maternity and Infant Hygiene: Medical service, clinics for infants, and children of preschool age, health education, service to physicians in the field, literature, and exhibits.

Publications: Catalogs published in July. "Studies in Natural History," "Studies in Psychology"; "Studies in Social Sciences"; "Studies in Physics"; "Humanistic Studies"; "Studies in Education"; "Studies in Child Welfare"; "Studies in Medicine"; "Bulletin on the Aims and Progress of Research"; "The Law Review"; "Philological Quarterly"; "The Iowa Journalist." "University of Iowa Extension Bulletin."

Bibliographical references: Aurner, Clarence Ray: "History of Education in Iowa," Volume IV, Part I, The State Historical Society of Iowa, Iowa City, Iowa, 1926.

Achievements for the past year: Under construction: the University Schools Building, Pharmacy-Botany Building, Geology Annex, Union Building, a heating plant with tunnels ($750,000), Medical Laboratories Building, General Hospital, Field House, enlargement of Quadrangle (residence halls for men), etc. The Iowa Memorial Union of which one unit is complete and a second unit under construction will ultimately cost more than $1,500,000.

Administrative officers: President, Walter Albert Jessup; Secretary, William Herbert Bates; University Examiner and Registrar, Herbert Clifford Dorcas; Dean of Women, Adelaide Lashek Burge; Dean of Men, Robert Elmer Rienow; Dean, College of Liberal Arts, George Frederick Kay; Dean, College of Law, Henry Craig Jones; Dean, College of Medicine, Lee Wallace Dean; Dean, College of Dentistry, Frank Thomas Breene; Dean, College of Pharmacy, Wilber John Teeters; Dean, Graduate College, Carl Emil Seashore; Dean, College of Applied Science, Clement Clarence Williams; Dean, College of Education, Paul Clifford Packer; Dean, College of Commerce, Chester Arthur Phillips; Junior Dean, College of Medicine, John Thomas McClintock; Director, Extension Division, Edward Henry Lauer; Director, School of Music, Philip Greeley Clapp; Director, Division of Physical Education, Paul Everette Belting; Directress, School of Nursing, Mary Jane McArthur; Director, Summer Session and Director School of Journalism, Charles Heald Weller.

UNIVERSITY OF KANSAS

LAWRENCE, KANSAS

Name for bequests: The Kansas University Endowment Association.

The Graduate School, the College of Liberal Arts and Sciences; and the Schools of Business, Education, Engineering, Fine Arts, Law and Pharmacy are located on the main campus of 164 acres extending over Mt. Oread to the west of the town. The School of Medicine partly at Lawrence and partly at Kansas City, Kansas.

State University for men and women.

Provided for in first Constitution of Kansas Territory in December, 1855. In 1861 congress reserved for the use and support of a State University 72 sections of land. In 1863 Lawrence was selected as the location of the University, and in 1864 the University was organized by the Legislature. The Board of Regents held its first meeting on March 21, 1865, and on July 19, 1866, elected the first faculty of the University.

Board of Regents, 9 members appointed by the Governor for four years overlapping terms without salary. They have charge also of the State Agricultural College and the three state teachers colleges. The University comprises the following schools,

divisions, and departments: Graduate School, College of Liberal Arts and Sciences, School of Business, School of Education, School of Engineering, School of Fine Arts, School of Law, School of Medicine, School of Pharmacy, Division of Libraries, Division of Museums, Division of Physical Education and Intercollegiate Athletics, Division of The Reserve Officers' Training Corps, Division of State Service Work, Division of Summer Session, Division of University Extension, Division of University Publications, Division of Vocations.

Endowment, $210,000. Income from endowment: $13,025. Income from other sources: State appropriations: $1,400,500; Student fees: $582,728. Total annual expenditures for year ending June 30, 1926: $1,850,322. Budget for administration, instruction, and maintenance 1926–27: $1,518,939.

Grounds and buildings: 164 acres in Lawrence; 16 acres in Kansas City. Total value of grounds: $483,000. To this should be added 11 acres owned by Athletic Association, valued at $10,000. Total present worth of buildings: $2,290,775. Total value of grounds, buildings, and equipment: $5,590,269. Two residence halls for women (163).

Library: Main building, Watson Library (1924), 185,000 volumes; 18,500 sets of government documents, 1,500 periodicals. Special collections: Shakespeare; French Revolution; journals in Chemistry, Bacteriology, Physiology, and Zoology.

Laboratories: Blake Hall (1895): Physics, $58,000. Snow Hall (1886): Biology, $50,000. Fowler Shops (1899): Engineering, $21,000. Chemistry and Pharmacy Building (1901): $65,000. Haworth Hall (1908): Geology and Mining, $57,500. Engineering laboratories (1908): $108,800. Astronomical observatory (1919), $10,000. Clinical laboratory at Medical School (1905): $40,000. Old hospital building for Medical School (1905), $50,000. Dispensary building at Medical School (1915), $30,000. Main Hospital building at Medical School (1923), $330,000. Dyche Museum (1902): Biology, $75,000. Value of equipment in all departments, $1,906,654.

Museums: Dyche Museum (1902); natural history collection. Paleontological and mammalian collections; collections of Coleoptera and Diptera. Fraser Hall, the oldest building on the campus, provides rooms for a classical collection of plaster casts and other Greek and Roman materials. Spooner-Thayer Museum (1894) remodeled as an art gallery in 1926. Brynwood collection of paintings.

Observatory: Equipment valued at $10,000; library at $5,000. Construction of 24-inch reflecting telescope planned for program of asteroid research.

Health program: Physical examination of all new students. Required hygiene program and exercise for all freshmen and most sophomores. University student health service at $3 a semester. Student hospital with full time physician and nurses staff. Gymnasium (1901). Stadium (1921). Union building (1926).

Admission requirements: Graduates of accredited high schools are admitted under State law. Among the 15 units the University requires 3 units of English and 2 of Social Science. No students admitted with entrance conditions. All new students, except graduate students, take a psychological examination.

Degree requirements: For A.B. and B.S.: 120 hours with minimum of 120 grade points: i. e., an average of C. Major of 20 to 40 hours. 60 hours of Junior-Senior work. Last 30 hours in residence. For LL.B.: 60 hours of college work with 60 grade points. Distribution recommended, but not prescribed. 86 hours in School of Law, three-fourths of which must be of A, B, or C quality. 3 years work in residence, the last of which must be spent here. For M.D.: 60 hours of college work with 60 grade points and distribution definitely prescribed. 4 years with average of C in Medical School. A.B. and B.S. granted by arrangement between College and Medical School and A.B. by arrangement with Law School, with less than 120 hours in the College. Engineering, Pharmacy, Education, Business and Fine Arts degrees granted in similar manner upon satisfactory completion of 4 years collegiate work. Master's and Doctor's degrees granted by the Gradu-

ate School upon completion with high quality of 1 year and 3 years of residence respectively, and the passing of satisfactory oral and written examinations and the submission of a satisfactory thesis.

General requirements: 1 year physical culture required of all freshmen; 2 years for students in College of Liberal Arts and Sciences. Military Science optional.

Departments and Staff: Anatomy: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 2. Applied Mechanics: 2, 0, 1, 0. Architecture: 2, 0, 0, 1. Bacteriology: 1, 2, 0, 1. Bio-Chemistry: 1, 0, 0, 1. Botany, 2, 0, 2, 0. Chemistry: 4, 3, 2, 3. Civil Engineering: 3, 1, 1, 1. Dermatology: 1, 0, 1, 0. Design: 1, 0, 1, 1. Drawing and Painting: 1, 0, 1, 1. Economics: 5, 1, 3, 3. Education: 8, 1, 4, 5. Electrical Engineering: 2, 0, 0, 2. Engineering Drawing: 1, 1, 1, 1. English: 8, 4, 4, 11. Entomology: 2, 0, 2, 1. Experimental Medicine: 1, 0, 0, 0. Geology: 2, 2, 0, 1. German: 3, 1, 0, 1. History: 4, 1, 2, 0. Home Economics: 2, 1, 2, 1. Industrial Engineering: 1, 0, 0, 1. Journalism: 1, 1, 1, 3. Latin and Greek: 1, 1, 1, 1. Law: 6, 1, 0, 0. Mathematics: 3, 1, 2, 4. Machine Construction: 1, 0, 0, 4. Mechanical Engineering: 2, 1, 1, 0. Medicine: 3, 3, 2, 5. Mining Engineering: 1, 1, 0, 0. Music: 6, 6, 5, 2. Neurology: 1, 0, 1, 0. Obstetrics and Gynecology: 2, 1, 1, 2. Opthalmology: 1, 0, 0, 1. Otorhinolaryngology: 0, 1, 1, 2. Pathology and Bacteriology: 1, 0, 1, 0. Pediatrics: 1, 0, 2, 1. Pharmacy: 1, 0, 1, 0. Philosophy and Psychology: 3, 1, 1, 2. Physical Education: 3, 1, 2, 4. Physiology and Pharmacology: 1, 0, 2, 1. Physics and Astronomy: 2, 2, 2, 0. Political Science: 1, 0, 3, 1. Preventive Medicine: 0, 0, 1, 0. Radiology: 0, 0, 1, 1. Romance Languages: 2, 1, 3, 1. Sociology: 2, 2, 1, 1. Spanish: 1, 1, 3, 2. Speech and Dramatic Art: 1, 0, 1, 1. Surgery: 3, 2, 1, 4. Zoology: 2, 1, 0, 2. See also Chapters V–VI.

Enrolment for year ending June 30, 1926: 5,533 (including summer session and excluding duplicates): Men, 3,210; women, 2,323. Graduate School: Men 152; women, 137. College of Liberal Arts: Men, 1,796; women, 1,280. School of Engineering: Men, 620; women, 9. School of Fine Arts: Men, 112; women, 396. School of Law: Men, 146; women, 3. School of Pharmacy: Men, 99; women, 9. School of Medicine: Men, 167; women, 68. School of Education: Men, 142; women, 557. School of Business: Men, 159; women, 32. Duplicates: Men, 568; women, 776. Summer Session not in regular session: Men, 385; women, 608. Total number matriculates since foundation estimated 49,000.

Degrees conferred year ending June 30, 1926: 778. Total number degrees conferred: 12,083: Graduate, 1,306; Master, 1,275. Doctor, 31. Undergraduate, 10,777.

Fees and other expenses: Matriculation, $10 to $15. Incidental, $30 to $45 annually. Health, $6 annually. Other general fees, $44 to $144 annually. Laboratory and materials, $10 to $100 annually. Lodging, women's dormitory, $101 annually (average). Board, women's dormitory, $6 weekly (for community). Average for students annual expense: Liberal, $864; low, $411.

About 75 scholarships, fellowships, and prizes, varying in amount from a few dollars to $400 a year. Loan funds to the amount of $25,000 available. Twenty-six fellowships of $400 each open to graduates of accredited colleges.

Research: In addition to funds which are part of the normal departmental budgets there is a special fund of $5,900 annually which can be used for special grants under the control of the research committee of the graduate school.

Registration statements show that 65 per cent of the men and 26 per cent of the women are wholly or partially self-supporting. Appointments Bureau. Business Placement Bureau.

Dates of beginning and ending sessions: September 12, 1927; May 31, 1928.

Summer session: June 6 to August 10, 1928. 31 departments; 284 courses. Attendance, 1925: First six weeks, 1,469. Last four weeks, 726. Grand Total, 2,195. Duplicates, 588. Net total, 1,607. About one-third were also enrolled during the winter term.

University extension: The department of University Extension offers non-resident instruction in 34 departments, with a total

of 152 courses. This service has reached 408 persons in classes held off the campus by University instructors and 1,956 persons through correspondence study making a non-resident total of 2,364 students. Many of these courses were taken for collegiate credit. Others were taken for their cultural or practical value only.

Publications: The Catalog is published in three sections about January 1st. Chancellor's report published biennially. "University of Kansas Studies, Humanistic Series" (complete Monographs) No. 15 (1926). "University of Kansas Science Bulletin," annual volumes since 1892. "Bulletin of State Geological Survey," Volume 27, No. 8, (1926). "University Extension Bulletins"; "Handbook Visual Instruction," Volume 27, No. 14 (1926); "Debating League Bulletin," Volume 27, No. 13 (1926); "Bureau of School Service Bulletins," Nos. 10, 11, 12 (1926); "Bulletins of Engineering Experiment Station," No. 13 (1925); "Kansas Engineer," Volume 12, No. 3 (1926); "University Entomological Bulletin," Volume 18, No. 1 (1917). "Bulletin of the School of Business" begun in 1924.

Achievements of year ending June 30, 1926: The inauguration of University management under new Board of Regents, in charge of 5 State educational institutions.

Bibliographical References: M. W. Sterling, History of the University of Kansas up to 1893. E. H. S. Bailey, History of the Department of Chemistry.

Administrative officers: Chancellor, E. H. Lindley; Dean, School of Law, H. W. Arant; Dean, College of Liberal Arts and Sciences, J. G. Brandt; Dean, Graduate School, E. B. Stouffer; Acting Dean, Graduate School, 1926–27, F. B. Dains; Dean, School of Pharmacy, L. D. Havenhill; Acting Dean, School of Education, R. A. Schwegler; Dean, School of Business, F. T. Stockton; Acting Dean, School of Medicine, H. R. Wahl; Dean, School of Engineering, P. F. Walker; Dean, School of Fine Arts, D. M. Swarthout; Dean of Men, F. M. Dawson; Dean of Women, Agnes Husband; Registrar, George O. Foster. Officer in charge of foreign students, John R. Dyer, Assistant to the Chancellor.

UNIVERSITY OF KENTUCKY

LEXINGTON, KENTUCKY

State university; coeducational.

Chartered in 1865 as a department of Agriculture and Mechanic Arts in the institution called Kentucky University. This arrangement continued until 1878 when the legislature created a separate institution under State control at Lexington. City of Lexington gave 50 acres of land and $50,000; the County of Fayette gave $25,000; and with these amounts the first buildings were erected. In 1907 name changed from State Agriculture and Mechanical Arts College to University of Kentucky.

Board of Trustees appointed by Governor for periods of 6 years. Governor, Superintendent of Public Instruction and Commissioner of Agriculture ex officio members; 6 members from State at large; 3 from State Board of Agriculture; 3 from Alumni.

Financial resources: University receives annually 6 per cent of the taxes raised on general assessment of State and in addition one half of receipts from Inheritance Tax. Appropriations also are made for maintenance of Agricultural instruction, summer session, and Experiment Station. Endowment, $185,000. Annual budget, including instruction, maintenance of Agricultural extension and experiment station, $1,650,000.

Grounds and buildings: Campus, 72 acres, and farm of 482 acres valued at $286,649.88. 29 university buildings and 20 buildings at experiment station farm valued at $1,850,753.20; equipment, $295,955.43.

Library, 71,000 volumes.

Laboratories: Separate buildings for Biology and Geology, Chemistry, Physics, Agriculture and for Electrical, Mechanical, Civil and Mining Engineering. Scientific equipment, $159,370.82.

Observatory: 8-inch refractor.

Health program: Department of Public Health and Hygiene: 3 physicians and 2 nurses. Free clinic. Medical examination of Freshmen at entrance and of all students once a year. Gymnasium for men and another for women.

Admission requirements: For admission to Freshman class of any of the Colleges ex-

cept Law: 15 units, so chosen as to include the 5 basic units prescribed by all the colleges. Only students who hold certificates of graduation from an accredited high school will be admitted without examination. For admission to College of Law 60 semester college credits exclusive of Gymnasium and Military Science.

Departments and Staff: Anatomy and Physiology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bacteriology: 1, 0, 0, 1. Botany: 1, 0, 1, 0. Chemistry: 2, 0, 4, 2. English Language and Literature: 2, 1, 2, 7. Geology: 0, 1, 1, 1. German: 1, 1, 0, 0. History: 1, 0, 1, 0. Hygiene and Public Health: 1, 1, 1, 1. Journalism: 1, 0, 1, 1. Mathematics and Astronomy: 2, 0, 4, 4. Military Science: 0, 0, 0, 5. Music: 1, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physical Education: 2, 0, 2, 2. Physics: 2, 2, 0, 2. Political Science: 1, 0, 2, 0. Psychology: 2, 0, 1, 0. Romance Languages and Literature: 1, 0, 2, 2. Sociology: 1, 0, 0, 1. Zoology: 1, 0, 1, 1. College of Agriculture: 14, 5, 8, 8. College of Commerce: 3, 2, 0, 0. College of Education: 9, 1, 1, 6. College of Engineering: 13, 4, 5, 14. College of Law: 4, 0, 0, 0.

Enrolment, 1926, 2,327. Summer session, 992. University extension, 1,768.

Degrees conferred in 1926: 402: B.A., 118; B.S., 5; B.S. in Industrial Chemistry, 3; LL.B., 14; B.A. in Education, 40; B.S. in Agriculture, 17; B.S. in Home Economics, 17; B.S. in Civil Engineering, 22; B.S. in Mechanical Engineering, 36; B.S. in Metallurgical Engineering, 1; B.S. in Commerce, 25; B.S. in Mining Engineering, 2. Masters' Degrees, 32. Degrees conferred since foundation, 3,768.

Fees: Annual fee, $60. Approximate cost of board and room, $275 to $300. Students from outside of the State pay $10 a semester more than residents of Kentucky.

Scholarships and fellowships: 4 fellowships ($500 each) and 10 scholarships ($200 each) awarded annually to graduate students.

Loan fund: $19,000.

Summer session: 11 weeks, divided into two sessions. Attendance, 1925, 1,250.

University extension: 120 courses offered to individual students and centers. Agricultural extension in cooperation with Federal Government. Junior Club (25,000 members) and home demonstration.

Publications: University bulletins include catalog, annual reports, "Law School Journal"; "High School Quarterly."

Experiment Station: Experiment Station, a part of University, has a staff of 50 experts engaged in investigations at University farm and at substations at Quicksand and Princeton. Robinson substation at Quicksand given to University of Kentucky by E. O. Robinson at Fort Thomas, Kentucky, includes 15,000 acres of forest.

Achievements for the year ending June, 1926: Chemistry Building completed at cost of $201,000. Law School Building remodelled; Women's Dormitory erected; a building erected for Art Department; and live stock judging pavilion constructed.

Dates of beginning and ending sessions: First semester begins on third Monday of September and continues for 18 weeks; second semester begins first Monday in February and continues for 18 weeks. Commencement first Monday in June.

Administrative officers: President, Frank L. McVey; Dean, College of Arts and Sciences, Paul Prentice Boyd; Dean, College of Agriculture, Thomas P. Cooper; Dean, College of Engineering, F. Paul Anderson; Dean, College of Law, Charles J. Turck; Dean, College of Education, William S. Taylor; Dean, College of Commerce, Edward Wiest; Dean, Graduate School, William Delbert Funkhouser; Registrar, Ezra L. Gillis; Dean of Men, C. R. Melcher; Dean of Women, Sarah G. Blanding.

UNIVERSITY OF LOUISVILLE

LOUISVILLE, KENTUCKY

Municipal University for men and women.

Founded in 1837 by a decree of the City Council; chartered in 1846 by an Act of Legislature. Only Schools of Medicine and of Law put into operation at first. In 1907 College of Liberal Arts added. In 1918 Louisville College of Dentistry purchased and reorganized. In 1924 Mr. William Speed and Mrs. Frederick M. Sackett, as a

memorial to their father, endowed the Speed Scientific School.

Board of 11 trustees, nominated to the City Council on recommendation of members of Board in office.

Endowment, $265,200. City tax of 4¾ cents. A million dollar bond issue was passed by the citizens of Louisville for improvements in the University. Trustees are engaged in procuring $2,000,000 additional endowment. Budget, 1926–27, $401,298.

Buildings and grounds: Property of 40 acres and 13 buildings valued at $1,000,000. University has supervision over Louisville Free Hospital (1914) cost $1,000,000.

Library, 20,975 volumes; 8,500 pamphlets.

Laboratories: Separate buildings for Biology, Chemistry, Physics; and a separate building for Civil, Electrical and Mechanical Engineering laboratories. Scientific equipment valued at $151,770.

J. B. Speed Memorial Museum of Fine Arts. Pathological Museum at City Hospital. Dental Museum at School of Dentistry.

Health program: Required physical training in first 2 years.

Admission requirements: College: 15 units including Mathematics 2, English 3, Foreign Language 4 (at least 2 of these must be in Latin or Greek by candidates in Arts), Science 1, History 1. No conditions allowed. School of Medicine in addition to high school requirement, 60 semester hours of collegiate work. School of Law, 30 semester hours of collegiate work. School of Dentistry, 30 semester hours of collegiate work.

Degree requirements: 120 semester hours and same number of quality points. Work of first 2 years largely prescribed. Concentration requirements in third and fourth years. All work in the professional schools prescribed.

Departments and Staff: College of Liberal Arts: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Art: 0, 0, 2, 1. Biology: 1, 0, 2, 1. Chemistry: 1, 0, 4, 5. Economics: 1, 0, 1, 1. Education: 1, 1, 0, 1. English: 1, 2, 0, 4. German: 1, 0, 0, 0. History: 1, 1, 2, 0. Home Economics: 2, 0, 2, 0. Mathematics: 1, 0, 1, 0. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: 1, 0, 0, 2. Physics: 1, 1, 0, 1. Romance Languages: 1, 0, 1, 1. Sociology: 1, 0, 1, 4. School of Medicine: 25, 0, 16, 44. School of Dentistry: 26, 2, 3, 10. School of Law: 13, 0, 0, 0. Speed Scientific School: 14 teachers in 8 departments.

Enrolment for year ending June 30, 1926: 1311: Men, 976; women, 385. Undergraduates, College of Liberal Arts, 790; Graduate Students, College of Liberal Arts, 28; total, College of Liberal Arts, 818. School of Medicine, 252; School of Law, 58; School of Dentistry, 104; Speed Scientific School, 79. Number of matriculates since foundation, 20,000.

Degrees conferred June, 1926: 181: A.B., 49; B.S., 2; B.S. in Chemistry, 2; B.S. in Home Economics, 4; B.S. in Sociology, 1; B.S. in Medical Sciences, 8; M.A., 7; M.S., 4; M.D., 59; LL.B., 12; D.D.S., 33.

Fees: College: Registration, $5. Tuition, non-residents of Louisville, $150 a year. Graduation, $20. Laboratory, $2 to $28. Student activities fee, $10. School of Dentistry: Matriculation or registration, $5. Tuition, $250 a year. Graduates, $100 a year. Graduation, $20. Student activities, $10. School of Medicine, Matriculation or registration, $5. Tuition, $250. Graduates, $100. Graduation, $20. Graduate laboratory, $25 to $50. Hospital, $5. Student activities, $10. Speed Scientific School: Tuition, $140 to $153. Graduation, $20. School of Law: Registration, $5. Tuition, $100. Library, $5. Graduation, $20. Student activities, $10. Annual expenses (exclusive of university fees): Low, $405; liberal, $1,000.

Scholarships and fellowships: 4 J. B. Speed Scholarships in College of Liberal Arts ($100 to $250). George M. Davis Scholarship in School of Law ($150). 3 Fannie and Benjamin Strauss Scholarships in School of Law ($150 each). 2 Teaching Fellowships in College of Liberal Arts ($250). 7 Fellowships in School of Medicine ($300 each). Richard Monfort Scholarship in Speed Scientific School ($150).

Research grant from American Dental Association, $1,500.

Employment bureau: 37.6 per cent of the men and 23 of the women in the college re-

ported on December 1, 1925, as engaged in remunerative employment.

Lectures in all Schools and Colleges began September 12, 1927.

Summer session, 1926, began June 21, and ended August 14. 31 courses in 10 departments.

University extension: University subsidized certain courses in Simmons University for negro citizens of Louisville. It has offered evening courses in History of Education, Psychology and English to negro teachers of the city.

Publications: General catalog and departmental catalogs annually in May, and bulletins at intervals.

Achievements and benefactions: Successful campaign for one million dollar bond issue. J. B. Speed Memorial Museum of Fine Arts, Adath Israel Library of Hebraica: The War and Fine Arts Library established by Justice Brandeis. The Ella B. Fohs' Memorial Library of Modern Poetry. The occupation of Campus at Third and Confederate Place. Donations of material and equipment amounting to $13,600 to the Speed Scientific School. Educational Developments: the development of the Department of Sociology through cooperation with the Welfare League. Increase in the instructional force of the Department of Mathematics, Biology, Physics and English. Reorganization of the Dental Curriculum.

Administrative officers: President, George Colvin (in charge of general administrative and financial affairs). Chancellor, John L. Patterson (in charge of instructional and educational affairs). Dean of the College of Liberal Arts, W. M. Anderson; Dean of the School of Medicine, Stuart Graves; Acting Dean of the School of Dentistry, John T. O'Rourke; Dean of the School of Law, Leon P. Lewis; Dean of the Speed Scientific School, B. M. Brigman; Registrar, Margaret Kirwan.

UNIVERSITY OF MAINE

ORONO, MAINE

State university. Coeducational. Land-grant college.

State of Maine accepted conditions of Morrill Act in 1863 and in 1865 created a corporation to administer the college. In 1897 name changed from Maine State College of Agriculture and the Mechanic Arts to the University of Maine.

Board of 9 trustees, 7 of whom are appointed by Governor for term of 7 years. One member appointed by Governor for 3 years on nomination of Alumni. Commissioner of Education ex officio member. The University comprises the College of Arts and Sciences, College of Agriculture, College of Technology, and a Faculty of Graduate Study. Maine Agricultural Experiment Station established as division of University in 1887.

Income from endowment: $27,687.85. From other sources: State appropriation, $400,000. Federal appropriation, $50,000. Tuition, etc., $367,562.82. Budget, 1926–27, $814,000. Knowlton Bequest estimated at $200,000 "to be used by University for assisting boys and girls born in Maine who are in need of assistance in their attempt to obtain an education at said University, preference being given to boys and girls born in Belfast."

Grounds and buildings: Campus and farms (500 acres) and 52 buildings valued at $960,000. Dormitories for men and 3 dormitories for women (165).

Library (1906), 81,000 volumes; 550 current periodicals.

Laboratories: Equipment valued at approximately $400,000. Laboratory of Mechanical Engineering under construction.

Health program: Medical inspection of all Freshmen at entrance. Physical training required of Freshmen and Sophomores. Gymnasium, $500,000, in process of erection.

Admission requirements: For all curricula: 14½ units. For College of Arts and Sciences: English 3, Foreign Language 4, History 1, Algebra 1, Plane Geometry 1. For College of Agriculture: English 3, and 1 each of Algebra, Plane Geometry, Science, and History. For Technology: English 3, Foreign Language 3, Algebra 2, Plane and Solid Geometry 1½, History 1 and Science 1. In 1927 15 units will be required. Not more than 2 units of conditions allowed.

Degree requirements: College of Arts and Sciences: 125 hours, of which 95 must be of

.C grade or better. In Agriculture and Technology: 140 hours exclusive of Military Drill and Physical Training.

Health program: Physical Training and Military Training are required of men during first 2 years.

Departments and Staff: Agricultural Education: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Agronomy: 1, 0, 2, 0. Animal Industry: 1, 1, 1, 1. Bacteriology and Veterinary Science: 1, 1, 0, 0. Biological and Agricultural Chemistry: 1, 0, 1, 0. Biology: 2, 2, 0, 3. Chemistry: 1, 2, 2, 6. Civil Engineering: 1, 2, 1, 3. Economics and Sociology: 1, 2, 0, 1. Education: 1, 1, 0, 0. Education Extension: 1, 0, 0, 0. Electrical Engineering: 1, 1, 2, 2. Engineering Drawing: 1, 0, 1, 1. English: 2, 1, 4, 4. Forestry: 1, 0, 2, 0. French: 2, 0, 1, 0. German: 1, 0, 1, 0. Greek: 1, 0, 0, 0. History and Government: 1, 2, 0, 2. Home Economics: 1, 1, 1, 1. Horticulture: 1, 0, 0, 2. Latin: 1, 0, 0, 0. Mathematics and Astronomy: 2, 2, 0, 4. Mechanics: 1, 0, 0, 0. Mechanical Engineering: 1, 1, 2, 3. Military Science: 4, 1, 0, 2. Music: 0, 1, 0, 0. Philosophy: 1, 0, 0, 0. Physics: 2, 1, 0, 2. Psychology: 1, 0, 0, 1. Public Speaking: 1, 0, 0, 1. Spanish and Italian: 1, 0, 1, 1.

Enrolment: 1,503: Men, 1,106; women, 397. Graduate Students: Men, 43; women, 30. College of Agriculture: Men, 246; women, 54. College of Arts and Science: Men, 376; women, 312. College of Technology: Men, 441; women, 1.

Number of degrees conferred June, 1926: Bachelor's: Men, 157; women, 42. Master's: Men, 8; women, 6. Professional: Men, 3. Honorary: Men, 5; women, 1.

Fees: Tuition, residents of Maine, $125; non-residents, $195. Cost of room and board in dormitories, $255; private boarding-houses, approximately, $306.50; fraternity houses, approximately, $340. Student fee, $10.50. Diploma fee, $5. Expenses, including text-books, exclusive of travel and personal items based on dormitory residence, $500 to $600.

Scholarships and prizes number 30, and amounted in June, 1926, to $1,420. Ten Trustees and one Phi Beta Kappa Scholarships for graduate work.

Employment bureau: Approximately 75 per cent of the students earn all or part of their way.

Dates of beginning and ending sessions: Autumn semester begins September 20, 1927; ends February 1, 1928. Spring semester begins February 2, 1928. Commencement, June 11, 1928.

Summer session: June 27, 1927 to August 5, 1927. Attendance, 1925, 291.

Publications: Catalog in May. Report of the President in June. University Press. "The University of Maine Studies" issued under direction of faculty of graduate studies: First series, seven numbers; second series, six numbers.

Achievements of year ending June 30, 1926: "Freshman Week" developed. Indoor field and drill shed given by alumni and students erected. Mechanical laboratory in process of erection.

Administrative officers: President, Harold Sherburne Boardman; Dean of the University, James Norris Hart; Dean, College of Arts and Sciences, James Stacy Stevens; Dean, College of Agriculture, Leon Stephen Merrill; Acting Dean, College of Technology, Water Joseph Creamer, Jr.; Registrar, James Adrian Gannett.

UNIVERSITY OF MARYLAND

COLLEGE PARK, MARYLAND

State University for men and women.

First founded as the College of Medicine of Maryland in Baltimore in 1807. Name changed to University of Maryland in 1812. Law School added in 1823 and Dental and Pharmacy Schools later. Maryland Agricultural College founded in 1858, became Land-Grant College of Maryland in 1862 and in 1916 name changed to Maryland State College. In 1920 the Legislature turned over the property of the old University of Maryland in Baltimore to Maryland State College and changed name of Maryland State College to University of Maryland.

Board of 9 Regents appointed by Governor and confirmed by Senate. One vacancy occurs each year.

Income: State Appropriation for Main-

tenance, $530,676.47. U. S. Appropriation, $173,086.90. Interest on Land-Grant Fund, $6,831.93. Gifts for Fellowships in research, $3,413.47. From Students, $649,299.05. License Fees and Tonnage, $47,796.27. Departmental earnings, $173,394.38. From University Hospital, $345,924.33. From Farm and other sales, $23,552.33. General Extension Miscellaneous receipts, $5,124.26. Marketing Inspection Fees, $8,024.21. From all other sources, $75,604.92. Total income, $2,042,728.52. Total expenditures, $2,031,409.09.

Gounds and buildings: 300 acres at College Park valued at $104,400. Value of Buildings at College Park, $1,033,420.88. Value of Land and Buildings in Baltimore, $1,089,200.

Library: 20,000 volumes; 356 current periodicals.

Laboratories: Buildings at College Park, $228,000. Laboratory Buildings at Baltimore, $80,000. Value of equipment at College Park, $435,705.12.

Health program: Health examination of all Freshmen. Gymnasium and athletic field (1923) present worth $200,000. Infirmary.

Admission requirements: Graduation from accredited high school or preparatory school. 15 units including English 3, Mathematics 2, Science 1, History 1. In addition to these there are special requirements for Premedical and Engineering curriculums.

Degree requirements: Prescribed courses vary with each curriculum.

General requirements: Six semester hours in Military Science or in Physical Education required. Freshmen who do not live at home must live in dormitories.

Departments and Staff: Chemistry: *Professors*, 4; *Associate Professors*, 2; *Assistant Professors*, 5; *Instructors*, 7. Economics and Sociology: 1, 1, 1, 2. English: 1, 0, 4, 3. History and Political Science: 2, 1, 0, 0. Mathematics: 1, 0, 3, 1. Modern Language: 1, 2, 0, 1. Music: 0. 0, 0, 1. Physics: 0, 1, 1, 1. Public Speaking: 1, 0, 0, 1. Zoology: 2, 0, 1, 2. College of Agriculture: 18, 2, 3, 2. College of Education: 4, 0, 1, 3. College of Engineering: 4, 1, 4, 2. College of Home Economics: 2, 1, 1, 0. School of Dentistry: 14, 0, 11, 23. School of Law: 3, 0, 0, 0 (24 *Lecturers*). School of Medicine: 61, 29, 8, 39. School of Pharmacy: 10, 3, 2, 15. School of Nurses: *Superintendent*, 1, *Assistant Superintendent*, 1, *Instructors*, 6.

Enrolment for year ending June 30, 1926: 3,565 regular students; 1,153 in Extension and Short courses.

Degrees conferred year ending June 30, 1926: 534.

Fees: Matriculation, $5. Graduation, $10. Other general fees, $110. Charge for lodging and board, $328. Annual expenses including living expenses: Liberal, $850; low, $600.

Scholarships and fellowships: Fellowships (22) vary in stipend from $500 to $1,000.

Research Funds: $170,100.53.

Few students earn all expenses. Probably 30 to 40 per cent earn part.

Dates of beginning and ending sessions: Third Monday in September; first Saturday in June.

Summer session: Fourth Wednesday in June; first Tuesday in August. Attendance, 1925: 477.

University extension: Mining extension for adults; evening classes. Medical extension for Doctors. Educational extension for teachers; evening classes. General Agricultural and Home Economics extension.

Publications: Catalog in June. President's report biennially.

Administrative officers: President, R. A. Pearson; Dean, Agriculture, H. J. Patterson; Dean, Engineering, A. N. Johnson; Dean, Arts and Sciences, ——; Dean, Medicine, J. M. H. Rowland; Dean, Law, H. D. Harlan; Dean, Pharmacy, A. G. DuMez; Dean, Dentistry, J. B. Robinson; Dean, Education, W. S. Small; Dean, Home Economics, M. M. Mount; Dean, Graduate School, C. O. Appleman; Dean of Women, A. H. Stotup; Registrar, W. M. Hillegeist.

THE UNIVERSITY OF MICHIGAN

ANN ARBOR, MICHIGAN

Name for bequests: The Regents of the University of Michigan.

State University, coeducational. Publicly controlled.

Act of August 26, 1817, established the Catholepistemiad, or University of Michigania in Detroit. It existed there several years. The State Constitution of Michigan (January 26, 1837) required the Legislature to support a University and organization of the University was provided for by Act of March 18, 1837. It has been held by the Supreme Court of Michigan that the present University is successor of the institution in Detroit. The Legislature (March 20, 1837) voted in favor of Ann Arbor as a site.

Eight Regents elected at large at Spring elections: 2 every 2 years for 8-year terms.

College of Literature, Science and the Arts; Colleges of Engineering and Architecture; College of Pharmacy, College of Dental Surgery; Graduate School; Law School; Medical School; School of Education; School of Business Administration; Summer Session; General Library; Division of Hygiene, Public Health, and Physical Education; Division of Intercollegiate Athletics; Department of Military Science and Tactics; University Hospital; also various business and maintenance departments.

Endowment: (Made up chiefly of gifts for specific purposes including Federal Endowment and all trust funds): $3,238,154.-40. Income from endowment (includes income from Federal grants and all trust fund income, excluding gifts for principal but including gifts for current expense): $375,314.76. Income from other sources: Student Fees, $1,198,251.22, State Mill Tax, $3,700,000. Special State appropriations for new buildings, lands, and equipment: $1,347,628.34. Miscellaneous Income: University Hospital, $1,373,284.29; Sundry Sales and Services: $338,796.02; Revolving Items, $425,583.87. Total Miscellaneous Income: $2,137,664.18. Transfers, Refunds, and Student Fees Refunded, $155,954.31. Grand Total Income: $9,-148,042.27. Total expenditures for year ended June 30, 1926: $9,008,071.47. Total budget for 1926–27, including budget for all purposes (excluding special State appropriation for buildings, lands, and equipment): $7,630,851.60.

Grounds and buildings: 4,643,92 acres, including Surveying Camp, Biological Station, Forestry, Farms, etc.; 254 acres in Ann Arbor. Total value of grounds: $3,542,610.-34. Total present worth of buildings: $16,-639,525.51. Total value of grounds, buildings, and equipment: $27,618,432.28. Five residence halls for women (300). Lawyers' Club lodges about 160 men.

Valuations of buildings, given in even thousands, as of June 30, 1925: Natural Science Building (1916): $408,000. Old Medical Building (1903): $168,000. New Medical Building (1924): $794,000. East Physical Laboratory (1922): $452,000. West Physical Laboratory (1887): $63,000. Chemical Laboratory (1910): $271,000. Physiological Laboratory (1857): $83,000. East Engineering Building (1922): $639,000. West Engineering Building (1904): $362,000.

Library: 615,000 volumes, including 30,-000 government documents; 3,618 current periodicals. The William L. Clements Library of American History occupies a separate building (1922) and contains a collection of source material for American History (particularly Discovery and Revolutionary periods). In the General Library, Greco-Egyptian papyri (over 3,000 items) and Oriental Mss. Parsons Library (Economics); MacMillan Shakespeare Collection; collection of old English plays; Carlyle; "Robinson Crusoe"; "Gulliver's Travels."

Museum building (1879) will soon be replaced by new building to be erected at cost of $900,000 (including equipment). Zoological, Anthropological, Paleontological items, especially Beal-Sture Collection from the East and South America; Chinese Government exhibit at New Orleans exposition of 1885; Stearns Collection of Musical Instruments; Philippine Collections made by an exposition in 1922–1924.

Observatory founded 1852 by liberality of certain citizens of Detroit; hence called Detroit Observatory. 12¼-inch refractor and 37½-inch reflector, and many subsidiary instruments. The Lamont Telescope (27-inch refractor) given by Mr. R. P. Lamont, of Chicago, was taken in September, 1926, to South Africa for observations of the Southern skies.

Health program: Physical examination

required on entrance and annually; Posture, anthropometrical measurements, and physical efficiency tests. Required course in Hygiene for Freshmen. Waterman Gymnasium for men (1894), and Barbour Gymnasium for women (1897) valued at $255,000. Terry Field, 40 acres; administration building and Yost Field House (1923); value $440,000. Health service provides medical attention for all students, including infirmary; students enjoy benefit of Medical School and Hospital as well.

Admission requirements: 15 units, with certain specified requirements. Certificate plan. Deficiencies must be made up in first year. School of Education requires 2 years collegiate work; School of Business Administration 3; Law School requires 3, but soon will be on graduate basis. Medical School requires 4 (or 3 by combined plan).

Degree requirements: College of Literature, Science and Art: 120 hours and as many honor points. School of Education: 120 hours. Colleges of Engineering and Architecture: 140 hours. Law School, LL.B.: 3 years curriculum; J.D.: Bachelor's degree, 3 years curriculum, average B in work. Medical School, M.D.: 4 year curriculum. College of Pharmacy, Ph.G.: 94 hours and as many points as hours. B.S. in Pharmacy, 125 hours and as many points. College of Dental Surgery: 4 year curriculum (soon to be 3 years with 2 collegiate years as preparation). Graduate School: Master's degree usually requires 1 year graduate study, and Doctor's degree, 3 years with thesis and satisfactory record. Business Administration: M.B.A., 2 years curriculum with 3 collegiate years.

General requirements: Physical Culture required of college Freshmen (men and women) and Sophomore women. Military Science, elective.

Summary of attendance: 1925–26: College of Literature, Science and the Arts: 5,202: Men, 3,519; women, 1,683. Extramural classes: 943: Men, 226; women, 717. Engineering and Architecture: 1,721: Men, 1,695; women, 26. Medical School: 549: Men, 511; women, 38. Law School: 573: Men, 559; women, 14. Pharmacy: 93: Men, 80; women, 13. Dental Surgery: 402: Men, 397; women, 5. Education: 537: Men, 163; women, 374. Extramural classes: 73: Men, 53; women, 20. Business Administration: Men, 61. Graduate School: 831: Men, 602; women, 229. University Hospital School for Nurses: Women, 216. Net total, exclusive of summer session: 10,864. Summer session students not registered during regular year: 1,831. Net total, including summer session: 12,695: Men, 8,609; women, 4,086. Total number of matriculants since foundation, 80,516.

Foreign students: From China, 93; Japan, 24; India, 21; South Africa, 16; Argentina, 8; England, 8; Colombia, Bolivia, Germany, Korea, Panama, Bulgaria, Malaysia, Mexico, Netherlands, Uruguay, Brazil, British West Indies, Burma, Chile, Finland, France, Greece, Hungary, Ireland, Italy, Java, Latvia, Persia, Peru, Russia, Siam, Smyrna, Syria, Wales, Yugoslavia.

Degrees conferred, 1925–26: College of Literature, Science and Arts: B.S. in Medicine, 13; B.S. in Forestry, 6; B.S. in Chemistry, 9; B.S. in Nursing, 1; B.S., 36; A.B., 931. School of Education: B.S. in Education, 25; A.B. in Education, 146. Medical School: M.D., 112. Colleges of Engineering: B.S. in Architectural Engineering, 11; B.S. in Architecture, 17; B.S. in Mechanical and Industrial Engineering, 1; B.S. in Geodesy and Surveying, 3; B.S. in Aeronautical Engineering, 10; B.S. in Naval Architecture and Marine Engineering, 4; B.S. in Chemical Engineering, 37; B.S. in Electrical Engineering, 54; B.S. in Mechanical Engineering, 68; B.S. in Civil Engineering, 79; B.E.E., 1. Law School: LL.B., 112; J.D., 20; LL.M., 2. College of Pharmacy: Ph.G., 8; B.S. in Pharmacy, 4. College of Dental Surgery: D.D.S., 76. School of Business Administration: M.B.A., 11. Graduate School: M.S. in Chemistry, 4; M.S. in Public Health, 4; M.S. in Forestry, 4; A.M. in Municipal Administration, 2; M.S. in Architecture, 2; M.S. in Electricity, 23; M.S., 46; A.M., 205; M. Engineering, 2; D.P.H., 2; Sc.D., 1; Ph.D., 48. Honorary: M.S., 2; A.M., 1; Sc.D., 3; Eng.D., 1; Litt.D., 2; LL.D., 2. Total number of degrees conferred, 2,156. Total number of degrees conferred since foundation, 51,298.

Departments and Staff: College of Literature, Science, and the Arts: Astronomy: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 2; *Instructors*, 3. Botany: 4, 0, 5, 2. Chemistry: 5, 2, 5, 7. Economics: 4, 1, 5, 15. English: 6, 2, 4, 5. Fine Arts: 0, 1, 0, 1. Forestry: 0, 1, 3, 0. Geography: 0, 1, 1, 5. Geology: 3, 1, 3, 3. German: 2, 2, 2, 8. Greek: 2, 0, 1, 1. History: 6, 1, 3, 8. Landscape Design: 1, 0, 2, 0. Latin: 5, 1, 2, 3. Library Science: 2, 0, 1, 2. Mathematics: 5, 1, 5, 9. Mineralogy: 2, 0, 2, 1. Music: 1, 0, 0, 1. Philosophy: 6, 0, 0, 2. Psychology: 2, 2, 1, 4. Physics: 4, 1, 7, 9. Political Science: 4, 1, 0, 4. Public Speaking: 0, 1, 1, 6. Rhetoric and Journalism: 3, 1, 9, 17. Romance Languages: 4, 2, 6, 24. Semitics: 1, 1, 0, 0. Sociology: 1, 1, 3, 2. Zoology: 2, 2, 3, 4. College of Engineering and Architecture: 39, 18, 49, 56. College of Medicine: See page 121. Law School: 16, 0, 1, 0. College of Pharmacy: 0, 1, 2, 1. College of Dental Surgery: 10, 0, 2, 21. School of Business Administration: 3, 3, 9, 1. School of Education: 8, 7, 4, 3. Industrial Education: 1, 2, 1, 0. Division of Public Health: 4, 2, 3, 9. Military Science and Tactics: 1, 0, 5, 0. See also Chapters V–VI.

Fees for 1926–27: Diploma or Graduation fee, $10. Matriculation fee, $10 for resident students; $25 for non-resident students. Annual fee: College of Literature, Science, and the Arts, School of Education, School of Business Administration, and Graduate School: Resident men, $93; resident women, $84; non-resident men, $118; non-resident women, $109. Colleges of Engineering and Architecture, and College of Pharmacy: Resident men, $108; resident women, $99; non-resident men, $133; non-resident women, $124. Medical School: Resident men, $188; resident women, $179; non-resident men, $268; non-resident women, $259. Law School: Resident men, $118; resident women, $109; non-resident men, $138; non-resident women, $129. College of Dental Surgery: Resident men, $208; resident women, $199; non-resident men, $268; non-resident women, $259.

Scholarships and fellowships: 20 fellowships, including one or more for students from British Isles. 23 scholarships, including income from $400,000 to be used for benefit of young women of and from Oriental countries. Loan funds.

Thomas Henry Simpson Memorial Institute for Medical Research.

Employment bureau. Appointment bureau.

Session began September 19, 1927, and ends June 18, 1928 (Commencement).

Dates of summer session: June 25–August 17, 1928. Courses in all departments. Attendance in 1925, 3,207.

University extension: Extension credit courses organized in neighboring cities are the same as those given on the campus. 25 such in 1924–25, with enrolment, 1,062. Extension Division also arranges lectures throughout State; public health lectures; manages a high-school debating league; sends out lantern slides and library materials.

Publications: Catalog in spring. President's Report annually. "The Humanistic Series." "Publications of the University Museum." "Papers of the Michigan Academy of Science, Arts, and Letters," are published by the University.

Achievements of year ending July, 1926: President Clarence Cook Little inaugurated November 2, 1925. The "Michigan League" Campaign carried on with considerable success, but not yet finished. Projects begun for more intelligent admission of students and dealing with them when admitted; orienting new students and furnishing vocational counsel.

Administrative officers: President, Clarence Cook Little; Secretary, Shirley W. Smith; Registrar, Ira M. Smith; Dean, College of Literature, Science and the Arts, John R. Effinger; Dean, Colleges of Engineering and Architecture, Mortimer E. Cooley; Dean, Law School, Henry M. Bates; Dean, Medical School, Hugh Cabot; Dean, College of Dental Surgery, Marcus L. Ward; Dean, College of Pharmacy, and Summer Session, Edward H. Krans; Dean, School of Education, Allen S. Whitney; Dean, School of Business Administration, Edmund E. Day; Dean, Graduate School, G. Carl Huber; Dean of Students, Joseph A. Bursley; Dean of Women, Jean Hamilton; Chairman of Committee of Advisors to Foreign Students, Professor J. A. C. Hildner.

THE UNIVERSITY OF MINNESOTA

MINNEAPOLIS, MINNESOTA

State University. Coeducational.

Founded March 4, 1851. Charter provided by territorial assembly of 1851. Changes were made in this from time to time until 1868 when the Legislature passed an amended act which constitutes the charter under which the University now operates.

Board of Regents, consisting of the Governor, the Commissioner of Education, and the President of the University, each ex officio and one member from each congressional district of the State appointed by the Governor by and with the advice and consent of the Senate. College of Science, Literature and Arts, College of Engineering, and Architecture, School of Chemistry, Department of Agriculture, Law School, Medical School, College of Dentistry, School of Mines, College of Pharmacy, College of Education, Graduate School, School of Business, and Extension Division.

The University endowments on June 30, 1926, totaled $7,412,360.38. This was made up as follows: Permanent University Fund includes Land Grant and Occupational Task, $3,345,599.62; Mayo Foundation for Medical Research, $2,082,760.76; Minnesota Hospital and Home for Crippled Children, $1,612,000; William J. Murphy Endowment for a School of Journalism, $372,000. Total income from endowment funds, $351,220.62. Income from other sources including State appropriation, student and hospital fees, student loans, service enterprises, etc., $7,861,180.06. The total annual expenditure for the year ending June 30, 1926, $8,270,255.40. Notable financial items for the year: Gifts: George G. Eitel Scholarship Fund. This fund consists of insurance policies in the amount of $80,000 the net income to be used to assist medical students. Bureau of Social Hygiene gift of $10,250 for five years for special investigation in cooperation with the Women's Cooperative Alliance of Minneapolis. Laura Spelman Rockefeller Memorial gift of $250,000 over a period of five years for the maintenance of an Institute of Child Welfare. Minnesota Hospital and Home for Crippled Children gift of $100,000 by William H. Eustis for construction and maintenance of a hospital and home for crippled children. This amount increases the original endowment to $1,613,585.30.

Grounds, Buildings and Equipment: $15,572,361.26. Value of lands (4,964.52 acres, including main campus of 122.5 acres in Minneapolis and Agricultural campus in St. Paul, 465.89 acres, five experiment stations and timber lands), $3,110,006.19. Value of buildings, $9,383,592.62. Value of equipment, $3,078,762.45.

Library (1924), 475,000 volumes; 3,899 current periodicals. Special collections: Seventeenth century English history (including many Civil War and restoration periodicals); Botany, Medicine and Zoology; Engineering; Voltaire; Scandinavian; China and the Far East.

Laboratories: Some 18 buildings on the main campus are devoted to laboratory purposes in whole or in part. All but 7 have been built since 1911 at a total cost of about $4,000,000. About 20 buildings of the Agricultural campus and sub-stations are laboratory buildings and have a value of about $1,200,000. Total scientific equipment of the University valued at over $4,500,000.

Museums: Botany; Herbarium (300,000 sheets) especially rich in material from western and northwestern America; E. W. D. Holway Library and Herbarium of Plant Rusts (40,000 numbers); Pacific algæ. Zoology: 432,000 specimens. Geology and Mineralogy: Materials from iron-bearing districts; Minnesota stones and clays; meteorites; paleontology. Medicine: In School of Medicine 50,000 pathological specimens; in Mayo Foundation laboratories at Rochester, 150,000 specimens; additional materials in embryology and other fields.

Health program: Since 1917 the University has had a Health Service giving now an annual health examination and watching over the general health and physical fitness of students, offering them hospital, dental, and clinical facilities. A special advisor in the field of mental hygiene is provided. Infirmaries and dispensary service. Dental service established in 1922. Gymnasium

facilities in Armory supplemented by 22 tennis courts, running tracks, orthopedic and athletic rooms in connection with the new stadium, seating 50,000 people. Field house. Golf course. The development of intra-mural athletics has for some years been under a special staff. Women's gymnasium. Gymnasium at the Agricultural campus.

Admission requirements: College of Science, Literature and the Arts, 15 units. College of Engineering and Architecture, 15 units. Law School, 2 full years, not less than 60 semester credits of collegiate work in Science, Literature and the Arts, with better than merely passing grades. The faculty of the Law School advises candidates to secure baccalaureate degree first. Medical School: Only 100 first-year students admitted each year, the candidates being selected in July. Two years of not less than 60 semester hours in specified collegiate courses with grade better than C required. School of Nursing: 18–35 years of age. Graduation from approved high school. Evidence of physical, mental and moral fitness. Physical examination. College of Dentistry: Only 90 first-year students can be admitted. One year of collegiate work (30 semester credits) including specified courses. School for Dental Nurses: Graduation from approved high school, 18–35 years of age. Only 25 admitted each year. School of Mines: 15 units. College of Pharmacy: 15 units. Only 60 first-year students are admitted. School of Chemistry: 15 units. College of Education: Four-year high school course. School of Business: Two years of collegiate training in courses specified. Graduate School: Baccalaureate degree of an approved college.

Curricula, *College of Science, Literature and the Arts* leading to degree of Bachelor of Arts: *Training for State and Federal Administration:* 5 years; B.A. at end of first 4 years. Students whose programs satisfy the requirements of the Graduate School may receive degree of M.A. at end of fifth year. *Training for Diplomatic and Consular Service:* 5 years. B.A. at end of first 4 years; M.A. at end of fifth year. *Training for Hospital Library Service:* 5 years including 3 years in this college, 1 year in an approved library school, and 1 year in special training in hospital library service. *Training for Medical Technicians:* 4 years including 2-year premedical and 2 years in Medical School. *Preventive Medicine and Public Health. Training for Social and Civic Work:* 5 years. Fifth year is devoted to professional training in social work. B.S. at end of 4 years and either a special certificate or M.A. at end of fifth year. *Military Science and Tactics. Arts and Music:* 4 years leading to B.A. or B.M. *Combined courses in Arts and Medicine:* 7 years B.S. and M.D.; 8 years, B.A. and M.D. *Combined course in Arts and Law:* 6 years, B.A. and LL.B. *Combined course in Arts and Dentistry:* 7 years, B.A. and D.D.S. *Combined course in Arts and Nursing:* 5 years, B.S. and certificate. *Combined course in Arts and Architecture:* 6 years, B.S. and B.S. in Architecture and M.S. in Architecture. *Combined Course in Arts and Interior Decoration:* 4 years, B.S. in Interior Decoration. *Preprofessional training* for admission to Medical School, Law School, College of Dentistry, School of Business and College of Education.

College of Engineering and Architecture: 4 years of study in Civil, Mechanical, Electrical, Architectural, and Agricultural Engineering and Architecture, leading to degree of B.S. in Civil, Mechanical, Electrical, Architectural, or Agricultural Engineering, or in Architecture. *Engineering Pre-business Course:* First 2 years of work in Engineering followed by 2 years in School of Business. B.S. in Business. *Four-year course in Interior Decoration:* First 2 years in College of Science, Literature and the Arts and last 2 years in College of Engineering and Architecture; B.S. in Interior Decoration. Professional degree of Civil, Mechanical, Electrical or Agricultural Engineering will be conferred upon those who have received the degree of B.S. in Civil Mechanical, Electrical, or Agricultural Engineering, when they have completed the equivalent of one additional year's college work, 4 years of engineering experience in positions of responsibility, and have presented a satisfactory thesis.

College of Agriculture, Forestry and Home Economics: 4 years in Agriculture, Forestry,

and Home Economics, leading to degree of B.S. Experiment Station offers some research advantages to students taking advanced work in the Graduate School. Agricultural Extension Service.

Law School: 3 years leading to LL.B. With College of Science, Literature and the Arts, a combined 6-year course in Arts and Law, leading to B.A. and LL.B.

Medical School: 5 years leading to M.D. Two years in scientific or preclinical work; 2 years in practical or clinical departments; and 1 year in a hospital internship or in advanced laboratory study or research. Degree of B.S. or B.A. required at least 4 quarters before receiving degree of M.D. Graduate and research work offered to qualified students.

School of Nursing: 3 years leading to degree of Graduate in Nursing. Combined 5-year course in Arts and Nursing offered by College of Science, Literature and the Arts and the School of Nursing, leading to B.S. and Graduate in Nursing. First 2 years and a summer quarter are spent in Arts College; third and fourth years in hospital work, and fifth year in both hospital and class work. A course in Public Health Nursing, covering two quarters, is conducted in the Medical School under the Department of Preventive Medicine and Public Health with the assistance of the Departments of Education and Psychology, and a number of social service organizations. Courses for medical technicians offered by the Medical School with the cooperation of the College of Science, Literature and the Arts.

College of Dentistry: 4 years leading to degree of D.D.S. Prerequisite, completion of 1 full year of pre-dental work in College of Science, Literature and the Arts. 7-year course consisting of 3 years in Arts and 4 years in Dentistry leading to degrees of B.A. and D.D.S. which are conferred at the close of the final year in College of Dentistry.

School of Dental Nurses: 2 years' work in College of Dentistry and other University departments, leading to degree of Graduate Dental Nurse.

School of Mines: 4 years Mining Engineering, Mining Engineering (specializing in Geology), and Metallurgy, leading to degrees of Engineer of Mines, Engineer of Mines (in Geology), and Metallurgical Engineer.

College of Pharmacy: 3 years leading to degree of Ph.C.; 4 years leading to B.S. in Pharmacy; 2 graduate curricula leading to degrees of M.S. in Pharmacy and Sc.D. in Pharmacy, open to those who have the degree of B.S. in Pharmacy and who have shown exceptional scholarship and ability.

School of Chemistry: 4 years leading to degree of B.S. in Chemistry. In Chemical Engineering, 4 years leading to B.S. in Chemical Engineering and to degree of M.S. in Chemical Engineering at end of fifth year. Professional degree of Chemical Engineer conferred upon those who have received B.S. in Chemical Engineering or its equivalent when they have completed an additional year's work in the Graduate School, have had 4 years of practical experience in positions of responsibility in Chemical Engineering after receiving their Bachelor's degree, and have presented a satisfactory thesis based upon their professional work.

College of Education: 2, 4, and 5-year curricula leading to University teacher's certificate. This certificate by State law authorizes students to teach in the public schools of Minnesota for 2 years from date of issue.

Graduate School: Graduate work in Medicine is maintained jointly by the Medical School and the Mayo Foundation for Medical Education and Research. Degree of B.S. (or equivalent) and M.D. and 1 year of intern service in an acceptable hospital are prerequisites for admission to the clinical departments. Properly qualified college graduates may be admitted to medical laboratory departments (Anatomy, Physiology, Bacteriology, Pharmacology, and Pathology) without the medical degree and internship. These courses cover a period of 3 years and lead to degree of M.S. or Ph.D. Graduate work in certain problems related to Dentistry. Clinical material and opportunities to supplement this research are available from the Dental Clinic, the Medical Dispensary, and the University hospitals.

School of Business: 2 years beginning with junior year, leading to degree of B.S. in Business.

General requirements: 2 years of physical education are required of all women in the University. One year of physical education is required of all men in the College of Arts. All men required to complete 2 years of military drill. Women students may not reside in houses where men are taken as roomers, or in houses not on the approved list provided by the Housing Bureau, without permission from the Dean of Women. All students are required to remain in approved houses for at least one quarter, and in University houses for the college year. All houses on the approved lists are inspected at least once a year and householders are under obligation to provide suitable heat, light, hot water, and equipment, to maintain a high standard of cleanliness, and to assume a certain amount of responsibility for the students.

Enrolment for year ending June 30, 1926: 14,410: Men, 8,239; women, 6,171. College of Science, Literature and the Arts: 4,609: Men, 2,749; women, 1860. Engineering and Architecture: 1,226: Men, 1,205; women, 21. Agriculture, Forestry and Home Economics: 782: Men, 384; women, 398. Law: 300: Men, 289; women, 11. Medicine: 607: Men, 570; women, 37. Nursing: 350. Medical Technicians: 13; Men, 1; women, 12. Dentistry: 378: Men, 375; women, 3. Dental Nurses: 32. Mines: 77. Pharmacy: 164: Men, 136; women, 28. Chemistry: 199: Men, 182; women, 12. Education: 1,833: Men, 329; women, 1,504. Business: 313: Men, 271; women, 42. Graduate: 1,137: Men, 828; women, 309. War Specials: 35. Net total academic year: 11,447: Men, 7,121; women, 4,326. Summer Session: 4,325: Men, 1,988; women, 2,337. Mayo Foundation (Graduate) 187: Men, 177; women, 10.

Degrees conferred year ending June 30, 1926: 1,784. Total number of degrees conferred since foundation: 25,145.

Fees: For residents of Minnesota tuition fees involve quarterly fees varying from $10 (Graduate School) to $60 (Medical School) and credit hour fees varying from $1 to $2.75. Students from outside of Minnesota pay a quarterly fee varying from $10 (Graduate School) to $70 (Medical School); and credit hour fees varying from $1 (Graduate School) to $3.75 (Law). An estimate of the average expenses of a student during the first year in college, including incidental fee ($12) deposit fee, gymnasium suit, laundry, room, board, tuition, incidentals, books and instruments, but not including clothing, railroad fares, or vacation expenses. Colleges of Science, Literature and the Arts; Agriculture, Forestry, Home Economics; Education, $706. Mines, Business, Chemistry, Pharmacy, $736. Law, $746. Engineering, Architecture, $736. Dentistry, $956. Medicine, $836. By reducing the cost of incidentals, room and board, students have been able to finish the first year in the liberal arts college at an expense of $500.

Scholarships and Fellowships: Ten endowed fellowships yield $500 to $750 for graduate students in various fields. In all departments, including the Medical School and the Mayo Foundation, there are nearly 400 graduate fellowships and assistantships with varying services and stipends ranging from $225 to $1,500. Holders of these appointments are exempt from tuition. Applicants must be graduates of acceptable colleges and prepared to do graduate work. The clinical fellowships are open only to graduates of Class A Medical Schools who have also served their internship. In addition, the undergraduate colleges have numerous scholarships for deserving students as well as loan funds.

The income from the Mayo Foundation is used in part to support research by staff members. The Graduate School has annually about $10,000 to be granted to individual members of the staff to aid in their research. The Federal support of Experiment Station is essentially money provided for research in all phases of Agriculture.

Employment Bureau: Total earnings on placements of University Employment Bureau: $118,670.87. Total number of male applicants; 1,288. Total number of female applicants: 715. Total number of positions for men: 1,510. Total number of positions for women: 258.

Dates of beginning and ending sessions: Autumn quarter, September 26, 1927; December 17, 1927. Winter quarter, January 4, 1928; March 17, 1928. Spring quarter, March 26, 1928; June 11, 1928.

Summer Session: First term: June 18 to July 30, 1928. Second term: July 30 to September 1, 1928. Attendance 1926: 6,566: First term, 4,574; second term, 1,992.

University Extension Service: Agricultural Extension Division operates through farmers' institutes, home economics demonstrations, county agricultural agents, and travelling experts. General Extension Division operates in the urban areas late afternoon and evening extension classes. During 1925–26, 5,318 individuals registered for 9,222 courses including 5,132 semester college courses, 2,749 semester business courses, and 1,341 semester engineering courses. During 1925–26, 55 instructors offered 193 courses in 23 fields by correspondence. During 1925–26, short courses continuing from 3 days to 12 weeks were conducted for electric metermen, enbalmers, dentists, doctors, scout leaders, laundrymen and Nurses. Total number of registrations for these short courses, 415. Lyceum courses of lectures, concerts, and entertainments were conducted in 121 Minnesota towns. Total attendance at 395 meetings: 118,500. Similarly 198 Minnesota communities were served with single lectures, the total number of engagements filled being 233, and the total attendance, 23,000. In addition, 39 communities were served with high school commencement addresses, 122 communities were served with visual instruction programs of educational films and slides. The total attendance at these programs amounted to 179,760. Out of the drama library of 1,855 plays, 5,607 copies were sent out for reading and selection for amateur theatricals. During the year, 32 University programs were broadcast from the Gold Medal Radio Station. In addition, 37 programs were sent out from the University's own broadcasting station, WLB. In the second State Music Contest 560 entries in 11 districts represented 123 different schools in 104 cities and towns. The number of pupils actually taking part is estimated as 7,000. In the final contest at the University, 1,600 pupils participated coming from 64 schools in 54 different cities. The Municipal Reference Bureau in the General Extension Division answered 724 inquiries in 18 different subjects connected with municipal government. The Bureau published a monthly magazine entitled "Minnesota Municipalities"; it published four pamphlets on matters of interst to municipal officers; it conducted several statewide conferences; and managed a three-day convention of the League of Minnesota Municipalities, at which were present 482 municipal officials and other interested citizens.

Publications: "Bulletin of the University of Minnesota" includes catalogs of the various schools and colleges, and President's report. Scholarly publications of the University of Minnesota comprise the following series: Bibliographical, Biological Sciences, Botanical, Current Problems, Education, Engineering, State Geological Survey, Language and Literature, Minnesota Mines Experiment Station bulletins, Social Science series, syllabus series and publications of the Bureau for Research in Government and the League of Minnesota Municipalities. These series run at present from three to eighteen titles. The University of Minnesota Press, established in June, 1926.

Administrative officers: President, Lotus Delta Coffman; Dean of Administration, Frederick J. Kelly; Registrar, Rodney M. West; Dean, College of Science, Literature and the Arts, John B. Johnson; Dean, College of Engineering and Architecture, Ora M. Leland; Dean and Director, Department of Agriculture, Walter C. Coffey; Dean, College of Agriculture, Forestry and Home Economics, Edward M. Freeman; Dean, Law School, Everett Fraser; Dean, Medical School, Elias Potter Lyon; Dean, College of Dentistry, Alfred Owre; Dean, School of Mines, William R. Appleby; Dean, College of Pharmacy, Frederick J. Wulling; Dean, School of Chemistry, Ora M. Leland; Dean, College of Education, Melvin E. Haggerty; Dean, Graduate School, Guy Stanton Ford; Dean, School of Business, Russell A. Stevenson.

UNIVERSITY OF MISSISSIPPI

UNIVERSITY, MISSISSIPPI

(Telegraph, Express and Freight Address: Oxford, Mississippi)

State university. Coeducational.

Chartered in 1844 and opened in 1848. In 1882 opened to women. In 1892 preparatory courses discontinued.

Board of 10 Trustees; Governor and State Superintendent of Education, ex officio members. 8 members from State at large appointed by Governor, for terms of 6 years each.

Endowment from Federal Land Grants: About $700,000. This amount is deposited in the State Treasury. The State allows the University interest at 6 per cent. State also make appropriations for maintenance and support. Annual budget: $300,000. Special legislative appropriation of $150,000 provides new chapel.

Grounds and buildings: Total present worth of buildings, $1,003,000. Value of grounds, buildings, and equipment, $1,730,000.

Library (1910), 42,000 volumes.

Laboratories: Physics building and Astronomical Observatory (1856; remodeled in 1926), valued at $60,000, including equipment. Science Hall (1906): Biology and Medicine; valued at $82,000 with equipment. Chemistry and Pharmacy building (1923): $350,000 including equipment. Civil and Electrical engineering equipment valued at $5,000. Scientific equipment valued at approximately $125,000.

Museums: University Museum in Library building. Geology. State Geological Survey Museum. Collection of Indian pottery, etc.

Observatory: 15-inch refracting telescope, carrying a 9-inch photographic telescope of twin equatorial pattern, a 4-inch comet seeker, etc.

Health program: Part-time University physician and full-time nurse. Hospital with full-time matron. Physical examination of all students at opening of session.

Admission requirements: 15 units, including English 3, Mathematics 2½, History 2. No conditions allowed. Admission to Law School requires 2 years of college work.

Degree requirements: For B.A., 130 semester hours. Prescribed work amounts to 50 hours. A major course of 18 hours, 3 minors of 12 hours each. Two years of premedical studies admit to School of Medicine which gives first 2 years of 4-year course. School of Pharmacy affords a 3-year course leading to first degree and a 4-year course for the bachelor's degree.

General requirements: Required physical training for Freshmen through entire session. Chapel attendance required once a week.

Departments and Staff: Art and Archæology: *Professors*, 3; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bacteriology and Pathology: 1, 0, 0, 2. Bible: 1, 0, 0, 0. Biology: 1, 0, 0, 4. Chemistry: 1, 1, 2, 0. Economics: 2, 0, 0, 0. English: 1, 1, 1, 2. Geology: 0, 0, 0, 2. German: 1, 0, 1, 1. Greek: 1, 0, 0, 1. History: 1, 0, 1, 2. Home Economics: 0, 0, 0, 1. Latin: 1, 0, 0, 1. Mathematics: 1, 1, 0, 3. Philosophy and Ethics: 1, 0, 0, 0. Physics and Astronomy: 1, 0, 0, 2. Politics: 1, 0, 0, 1. Romance Languages: 2, 0, 1, 1. Surveying and Drawing: 2, 0, 0, 0. School of Law: 3, 0, 0, 0. School of Engineering: 8, 1, 1, 0. School of Education: 4, 0, 0, 0. School of Medicine: See page 122. School of Pharmacy: 6, 1, 1, 0. School of Commerce and Business Administration: 8, 2, 1, 0.

Enrolment, 1925–26: Liberal Arts, 610; Law, 92; Engineering, 72; Education, 160; Medicine, 64; Pharmacy, 51; Commerce and Business Administration, 139. Total number of students (omitting duplicates), 973. Of these 171 were women. Total number of matriculates since foundation, 11,000.

Degrees conferred June, 1926: M.A., 1; B.A., 53; B.S., 19; B.S. in Education, 1; LL.B., 25; B.E., 5; Ph.G., 7; B.S. in Commerce, 6; 2-year Medical Certificate, 29. Total number of degrees conferred since foundation, 3,000.

Annual fees required of all students: Matriculation fee, $15. Library, $4. Incidental, $6. Physical Education and Athletic, $10. Hospital, $6.50. In Law, Medicine, and in Pharmacy, in addition to the fees named, there is a tuition fee of $70. Laboratory fees vary. Board and lodging, $200 to $300 a

session. Total expenses, $350, except in Law, Medicine, and Pharmacy, $450.

Scholarships and fellowships: 8 fellowships, $300 each. Loan funds, $20,000 in scholarships restricted to orphan boys of De Soto County, Mississippi.

Summer session: Opens June 11, 1928, and continues 9 weeks. 17 departments offer 64 courses. Attendance, 198.

Dates of beginning and ending sessions: Session opened September 14, 1927, and closes June 5, 1928.

Publications: Bulletins, including catalog six times a year. Chancellor's report biennially.

Achievements year ending June 30, 1926: Department of Rural Economics and Sociology added.

Administrative Officers: Chancellor, Alfred Hume; Dean, College of Liberal Arts, Alfred W. Milden; Dean, Law School, T. C. Kimbrough; Dean, School of Engineering, John H. Dorroh; Dean, School of Education, Oliver Abbott Shaw; Dean, School of Medicine, Joseph O. Crider; Dean, School of Pharmacy, Henry Minor Faser; Dean, School of Commerce and Business Administration, James Warsaw Bell; Dean of Women, Mrs. Edna Lowe Eatman; Registrar, Christopher Longest.

UNIVERSITY OF MISSOURI

COLUMBIA, MISSOURI

State university, coeducational.

Oldest State university west of the Mississippi River. Established by act of General Assembly of Missouri, approved February 11, 1839. Located at Columbia, Boone County, June 24, 1839. Opened, 1841. Women admitted in 1869.

Board of 9 Curators appointed by Governor, by and with advice and consent of the Senate, for term of 6 years. Not more than 5 Curators shall belong to any one political party.

College of Arts and Science, College of Agriculture, College of Engineering, School of Business and Public Administration, School of Education, School of Fine Arts, Graduate School, School of Journalism, School of Law, School of Medicine, School of Mines and Metallurgy, Extension Service.

Grounds at Columbia: Francis Quadrangle, the East Campus, athletic fields, and University farm, 800 acres. Tract for experimental work in horticulture, 80 acres. Plant for manufacture of hog-cholera serum, 90 acres. Tract in Ozark Mountains of Southern Missouri, 46,000 acres.

General Library and departmental libraries, 231,366 volumes; 25,000 pamphlets; 2,942 current periodicals.

Health program: Physical examination of all new students. General hospital maintained on campus for medical and surgical attention to students. Dispensary and inpatient service.

Admission requirements: 15 units. Arts and Science, Engineering require English 3, Mathematics 1, Foreign Language 2. Agriculture requires English 3, Mathematics 1. Fine Arts require English 3, Mathematics 1, Foreign Language 2, History 1. Graduates of fully accredited schools admitted without reference to the fixed requirements. No conditions permitted.

Degree requirements: 120 to 126 hours for all bachelors degrees except in Law. Law degree: 82 hours in addition to 60 required for admission. Quality requirements in Arts and Science, Business and Public Administration, Education, Engineering, Fine Arts, Law, Medicine. Courses in all divisions either prescribed or governed by plan of majors and minors or limited electives.

General requirements: Military Science required of men and Physical Education required of women during Freshman and Sophomore years.

Departments and Staff: Agricultural Chemistry: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 1. Agricultural Engineering: 2, 1, 1, 0. Anatomy and Histology: 1, 1, 0, 1. Animal Husbandry: 3, 0, 1, 3. Art: 2, 1, 1, 3. Astronomy: 1, 0, 0, 0. Botany: 1, 0, 2, 1. Chemistry: 2, 0, 4, 4. Citizenship: 1, 0, 0, 0. Civil Engineering: 4, 1, 0, 0. Classical Archæology and History of Art: 1, 0, 0, 0. Clinical Medicine and Surgery: 2, 0, 0, 0. Dairy Husbandry: 1, 1, 2, 2. Economics and Commerce: 4, 0, 1, 0. Education: 8, 1, 2, 2. Electrical Engineering: 1, 0, 0, 3. English:

5, 0, 2, 9. Entomology: 1, 0, 1, 0. Field Crops: 1, 2, 0, 2. Geology and Geography: 2, 2, 1, 3. German: 2, 0, 0, 1. Greek: 1, 0, 0, 0. History: 4, 1, 0, 2. Home Economics: 0, 2, 5, 4. Horticulture: 1, 2, 3, 0. Journalism: 1, 1, 3, 3. Latin: 0, 1, 0, 1. Law: 4, 0, 2, 0. Mathematics: 3, 0, 2, 3. Mechanical Engineering: 4, 2, 0, 4. Mechanics: 1, 0, 0, 0. Medical Bacteriology and Preventive Medicine: 1, 0, 1, 0. Meteorology: 1, 0, 0, 0. Military: 1, 1, 9, 0. Music: 4, 0, 1, 4. Nursing: 1, 0, 0, 0. Pathology: 1, 0, 0, 2. Philosophy: 1, 0, 1, 0. Physical Education: 1, 1, 0, 9. Physics: 2, 0, 0, 2. Physiology and Pharmacology: 2, 1, 0, 0. Political Science and Public Law: 1, 0, 2, 0. Poultry Husbandry: 1, 0, 1, 0. Psychology: 1, 0, 0, 0. Romance Languages: 2, 0, 3, 5. Rural Life: 1, 1, 2, 2. Sociology: 1, 1, 0, 1. Soils: 2, 2, 0, 0. Veterinary Science: 1, 0, 1, 2. Zoology: 1, 2, 1, 0. See also Chapters V–VI.

Enrolment for year 1925–26, 5,277: Men, 3,192; women, 2,085. College of Agriculture: 4-year Curriculum, 381; 2-year short Course, 82. College of Arts and Science: 2,268. School of Business and Public Administration, 186. School of Education, 844. College of Engineering, 438. School of Fine Arts, 135. Graduate School, 654. School of Journalism, 267. School of Law, 116. School of Medicine, 78. Number of matriculates since foundation, 43,000.

Degrees conferred year ending June 30, 1926, 640: B.A., 37; B.A.S., 12; B.A., 3,486; B.Didactics, 14; B.D.A., 7; B.F.A., 1; B.J., 695; LL.B., 1,505; B.L., 148; B.Ped., 100; Ph.B., 14; B.S., 208; B.S. in Agr., 1,112; B.S. in B.A., 273; B.S. in Chem.E., 10; B.S. in C.E., 296; B.S. in Com., 11; B.S. in Ed., 2,512; B.S. in E.E., 234; B.S. in Eng., 445; B.S. in For., 17; B.S. in Home Econ., 3; B.S. in M.E., 81; B.S. in Med., 15; B.S. in Pub. Adm., 26; B.S. in S.E., 1; Chem.E., 10; C.E., 162; D.D., 3; LL.D., 62; M.D., 598; Ph.D., 60; E.E., 66; M.Agr., 3; M.A., 1,071; LL.M., 12; M.L., 14; Ph.M., 5; M.S., 55; M.S. in Agr., 31; M.S. in For., 1; M.E., 47; Min.E., 15; G.N., 8; Top. E., 45.

Fees: Tuition free in all divisions of the University to students who are residents of the State of Missouri. Others except in Graduate School pay a tuition fee of $10 a semester. Library, Hospital, and Incidental fee: For one semester of 18 weeks, $30. For summer session (8 weeks), $15. Diploma fee, $5. Estimated expenses for one semester, $300; Fees, $45; board, $120; rent, $45; laundry, $15; books and stationery, $25; miscellaneous, $50. Expenses for a woman are usually $25 higher. Board in private families may be had for from $5 to $7 a week.

Forty scholarships and fellowships available annually.

Thirty-three to 40 per cent of students earn something toward their expenses.

Dates of beginning and ending sessions: First semester: September 13, 1927; January 28, 1928. Second semester: January 30, 1928; June 6, 1928.

Summer session: Attendance, 1925, 1,643.

Publications: Catalog in March. University Press. "The University of Missouri Studies"—a quarterly of research.

Administrative officers: President, Stratton D. Brooks; Dean of Men, Albert K. Heckel; Dean of Women, Mrs. Bessie L. Priddy; Dean, Graduate School, Walter Miller; Director, School of Mines, Charles H. Fulton; Dean, Law Faculty, James P. McBaine; Dean, Engineering Faculty, Elmer J. McCaustland; Dean, Faculty Business and Public Administration, Frederick A. Middlebush; Dean, Faculty of Agriculture, Frederick B. Munford; Dean, Faculty of Education, Mervin G. Neale; Dean, Faculty of Medicine, Guy L. Noyes; Dean, Faculty of Fine Arts, James T. Quarles; Dean, Faculty of Arts and Sciences, Frederick M. Tisdel; Dean, Faculty of Journalism, Walter Williams; Registrar, S. Woodson Canada; Director, University Extension, Charles H. Williams; Director, Agricultural Extension, Arthur J. Meyer.

UNIVERSITY OF MONTANA

See: State University of Montana.

THE UNIVERSITY OF NEBRASKA

LINCOLN, NEBRASKA

State University. Co-educational.

Founded by act of Legislature of Nebraska February 15, 1869. Opened September 7, 1871. By 1891, registration had

passed the 1,000 mark, and ten years later had reached 2,000. To-day each year more than 11,000 students are enrolled in 10 colleges and 3 schools of the University.

The University is composed of the following Colleges, Schools, and Divisions: The Graduate College, College of Arts and Sciences, College of Agriculture, College of Engineering, College of Law, Teachers' College, College of Medicine, College of Pharmacy, College of Business Administration, College of Dentistry, School of Fine Arts, School of Nursing, School of Journalism, Teachers' College High School, School of Agriculture, Nebraska School of Agriculture at Curtis, Nebraska Agricultural Experiment Station, Experiment Substations at North Platte, Valentine, and Scottsbluff, Agricultural Extension Service, University Extension Division, and Nebraska Engineering Experiment Station.

Board of 6 Regents, elected by districts on non-political ballots. Two Regents are elected each 2 years, each man thereby serving a term of 6 years.

Endowment: $937,800.53. Income from endowment: $52,388.84. Income from State funds: $2,269,522.81. Income from Federal funds: $203,620.98. Income from cash funds: $1,258,018.09. Total annual expenditures for year ending June 30, 1926: $3,624,172.13. Total budget, 1926–27: $3,656,314.10.

Grounds and buildings: (1) Original campus in Lincoln, of approximately 45 acres; 22 buildings devoted to instruction and 12 other buildings, including the Administration Building, Women's Building, Chancellor's residence, etc. (2) Agricultural College campus of 320 acres, 2½ miles northeast of original campus, on which are 12 buildings devoted to instruction in Agriculture and Home Economics and 15 minor buildings. (3) College of Medicine campus at Omaha, adjacent to which is the Child Saving Institute, the clinical facilities of which are under control of the University. (4) School of Agriculture at Curtis. (5) Agronomy farm of 432 acres, 2 miles east of the original Agricultural College campus. (6) The Fruit Farm of 80 acres at Union. (7) (8) (9) The agricultural substations at North Platte, Scottsbluff, and Valentine. Total value of grounds: $2,348,445.84. Total present value of buildings: $4,464,020.20. Total value of scientific equipment, machinery, furniture, and other equipment: $1,077,818.34. Total value of library equipment (books, etc.): $400,000. Improvements (tunnels, etc.): $318,226. Fine Arts equipment and educational specimens: $127,354.10. Live stock: $121,000. Total value of physical plant: $8,856,864.48.

Library (1891): 204,673 volumes, including 7,000 Government documents. Also many classified separately, which cannot be estimated. 1,500 current periodicals. Special collections: French Revolution; Entomology.

Laboratories: City Campus: Bessey Hall (1916–17): $160,000; Brace Laboratories (1904–05): $60,000; Chemistry Hall (1919–20): $190,000; Electrical Engineering Laboratories (1893–95): $7,500; Mechanic Arts Hall (1897–98): $20,000; Mechanical Engineering Hall (1908–09): $100,000; Pharmacy Hall (1885): $25,000; Social Science Hall (1919–20): $290,000. College of Agriculture Campus: Agricultural Engineering Hall (1918): $190,000; Animal Pathology and Hygiene (1919–20): $130,000; Home Economics Hall (1908): $50,000; Plant Industry Hall (1912–13): $80,000. College of Medicine Campus: Two Laboratory Buildings (1912–13): $100,000 and (1918–20): $170,000.

Museum (1906), Morrill Hall, under construction, cost $300,000. Among the more notable collections in the Museum are: Pershing collection of Filipino implements of war; Birds of the Philippines; Bruner collection of birds of Nebraska; Bruner collection of Central American birds; Bryan collection, made by Mr. and Mrs. William Jennings Bryan; Engberg collection of marine life of Puget Sound region; Everett collection of fossils, and mound-builder relics of Illinois; Forestry collection of native timbers of Nebraska; Collections of minerals. Charles H. Morrill, Hector Maiben, and Harold Cook collections of vertebrate fossils of the State, including Morrill collection of Proboscidae of Nebraska, the largest and most varied collec-

tion of fossil elephants in the United States; Gregg collection of the implements of war of China.

Observatory (1896; remodelled 1909).

Health program: A Memorial Stadium, seating 40,000 people, built in 1923 by students, alumni, and friends. The Coliseum, seating 11,000, built by athletic department from profits of football. The main floor accommodates four full-size basketball courts, with a fifth one on the stage. Physical education required of all freshman male students in College of Agriculture and in School of Agriculture. Military science required of all male students during first 2 years' attendance. Physical education required of all women for first 2 years of residence. Medical advice and dispensary service free to all students of university. Chief function of physician in charge is to act in an advisory capacity, to look after minor injuries requiring immediate treatment, and to detect incipient ailments which may be a menace to the student's own health or to the health of others.

Admission requirements: Graduates of accredited high schools may have full admission to freshman standing on 12 entrance units (24 points), or conditional admission on 11 units (22 points), provided they are completed in the senior high school (grades 10, 11, and 12). A year of Algebra and a year of Foreign Languages may be counted from grade 9, in which case the total credits earned from grades 9 to 12 must not be fewer than 15. Nine academic units are required, 7 of which shall consist of a major (3 units) and 2 minors (2 units each), which shall include English and Mathematics for all colleges. Academic subjects are English, Foreign Languages, Mathematics, Natural Sciences, and Social Sciences. A major in Foreign Languages may consist of 2 years of one and 1 year of another; but a minor must be in a single language. In the *Colleges of Arts and Sciences*, *Business Administration*, *Pharmacy*, and the *Teachers' College*, the major and the minor may be chosen from English, Foreign Languages, and Mathematics. In the College of Engineering, Mathematics is prescribed as a major, and Political Sciences and English as minors. In the *College of Agriculture*, the major and the minors may be chosen from English, Mathematics, and any other academic subject. One unit of second-year vocational Agriculture or vocational Home Economics may count on a major in Natural Sciences. The *College of Dentistry* requires 1 unit of Physics, and recommends a minor in Physical Sciences, as well as requiring completion of 30 hours of academic work, including 6 hours of Chemistry, 6 hours of Biology, and 6 hours of English. *College of Law* requires, in addition to the admission requirements of the College of Arts, completion of 60 hours of academic work. Entrance requirements for the *College of Medicine* are the same as for *College of Arts and Sciences*, except that Greek or Latin is recommended, and, in addition, 65 college hours of academic work, including 13 hours of Chemistry, 5 of which shall be organic, 6 hours of English, 8 hours of Physics, and 8 hours of Zoology, are required. Only those who present, with their high school credits, an official statement that they hold rank in the upper half of their graduating class, or who pass a special academic or psychological test, are allowed to register as premedical students. Graduates of accredited schools, presenting at least 12 units as specified above, may make up deficiencies in required entrance subjects by carrying college work in those subjects. Such credits may apply on the hours for graduation as free electives, but not to meet group of other prescribed course, except that students in the *College of Engineering*, who must carry the 10-hour course in beginning Chemistry, will lose 4 hours credit. Candidates for *School of Nursing* must be between 18 and 35 years of age, and must furnish evidence of sound health, good character, and qualifications for the work.

The *Graduate College* recognizes applicants (1) who are eligible to candidacy for higher degrees and wish to enter at once upon their special work; and (2) those who, having taken a bachelor's degree, wish to broaden their education, without reference to higher degrees. Candidates seeking advanced degrees, with insufficient preparation, are admitted to graduate standing but are re-

quired to make up their deficiencies by taking courses in the undergraduate colleges. For the degree of Doctor of Philosophy, the candidate must take a major subject and an approved minor, or a major subject and 2 approved minors. Candidates for the degree of M.A. register for a major subject, or a major and a minor, or a major and 2 minors.

Degree requirements: For baccalaureate degrees: In general, 125 semester hours, of which not more than 20 per cent may be below a grade of 70 to count toward graduation. At least 30 of the last 36 hours required for the bachelor's degree must be registered for and carried in that college which recommends the granting of the degree. Each candidate for the degree of Bachelor of Science in Agriculture or Home Economics is required to complete certain subjects with the number of hours indicated. For the Liberal Agricultural course, these requirements are 40 hours of agricultural subjects (in at least 4 departments), 10 hours of English or English Literature or Agricultural Journalism, 24 hours of Science (Biological, Chemical, or Physical, not less than 8 hours in one department), 12 hours of Economics, Political Science, Sociology, and History (6 hours required in one department), 4 hours military science, and 35 hours of electives. In the other agricultural departments, the requirements vary somewhat. Each candidate for graduation from the *College of Arts and Sciences* is required to complete 10 hours of English, 4 hours of Military Science (men) or physical education (women), and 2 hours of Freshman lecture, as well as a major subject, consisting of at least 18 hours of work, and a minor subject, consisting of 18 hours in one or more related subjects designated by the departments in which the major is offered. At least 8 hours of the minor must be offered in one subject. Candidates for graduation from the *College of Business Administration* must take, besides certain courses in Economics and business organization, 12 hours of English, 4 hours of Military Science, 6 hours of Mathematics and 6 hours of Science, or 12 hours of Science, 6 hours of History, and 6 hours of Philosophy. *College of Engineering* offers courses in Agricultural, Architectural, Chemical, Civil, Electrical, and Mechanical Engineering. Specific requirements govern the various courses. The *School of Fine Arts* offers the degrees of Bachelor of Fine Arts, Bachelor of Fine Arts in Dramatics, Bachelor of Fine Arts in Drawing and Painting, Bachelor of Fine Arts in Music, and Bachelor of Fine Arts in Education. The *Colleges of Dentistry, Law, Medicine*, and *Pharmacy* prescribe courses.

For B.A. or B.S. in Education: English 10; Education 2; Foreign Language 6 to 16; Science 6 to 10; History or Social Sciences 6; Mathematics, or Philosophy, or Social Sciences, or principles of Education 6; Education 20.

The curricula which lead to degrees in Education are of two general classes. The first offers a wide range of electives, and has for its purpose the training of high school teachers, principals, and superintendents. The student chooses from the various subjects the one in which he desires to qualify for teaching and one or two other subjects which he may teach. Care must be exercised in the selection of the correlated work in order that the group may represent a desirable combination of subjects. The student who expects to become a superintendent of schools or principal of a high school, may select Education as a correlated subject; and, in addition to the fundamental courses prescribed, will emphasize Administration, Supervision, and Educational and Mental Measurements. The major, however, must be in an academic subject; and, unless the requirement for the major selected totals at least 20 hours, the student must also meet the requirements in a correlated academic subject. The second class of curricula consists of fixed courses, with few electives, designed to prepare teachers and supervisors in the following lines of work: Kindergarten-Primary, Elementary School, Commercial and Normal Training in High Schools, and in the special subjects of Music, Drawing, Dramatics, Physical Education (men), Physical Education (women), and Athletic Coaching.

The College of Law: Quantity requirements: Beyond 65 semester hours of non-

professional work. Requirements for graduation: Degree of Bachelor of Laws: 3 years of resident law work; credit in courses aggregating 72 semester hours of law work. Degree of Doctor of Jurisprudence: Holders of the degree of Bachelor of Laws from the University of Nebraska who have completed the course leading to that degree with an average standing of not less than 85 per cent and who are also holders of baccalaureate degrees from colleges and universities of recognized standing, are entitled to the additional degree of Doctor of Jurisprudence if, within not less than one nor more than 5 years from graduation as Bachelor of Laws, they present proof of having spent at least 1 year in legal professional pursuits, as practitioner, teacher, or student of Jurisprudence, and present a satisfactory thesis.

Combined Academic and Law Degree: Seniors in the College of Arts and Sciences having 93 credit hours, may substitute first year of law work for senior year of Arts and Science work. By this arrangement a student is enabled to complete a combined course of study in 6 years and receive the 2 degrees.

For Ph.D.: 3 years of resident graduate study, of which at least the last 2 semesters must be under direct supervision of Graduate Council; reading knowledge of French and German; thesis; public final examination. For M.A. or M.S.: At least 1 year of resident graduate work; thesis; public examination.

Graduate work in Engineering: Degree of Master of Science in Agricultural, Architectural, Civil, Electrical, or Mechanical Engineering: 1 full year of resident graduate work, with thesis. Degree of Doctor of Philosophy: 3 full years of resident graduate work in Engineering; publication of thesis.

General requirements: Each undergraduate man in the University is required to receive military instruction during 4 semesters.

Departments and Staff: Agricultural Engineering: *Professors*, 2; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 2. Agricultural Journalism: 0, 1, 0, 0. Agronomy: 3, 1, 2, 2. Anatomy: 2, 1, 0, 0. Animal Husbandry: 1, 3, 0, 2. Animal Pathology and Hygiene: 1, 2, 0, 0. Applied Mechanics and Machine Design: 2, 1, 0, 3. Applied Music: 0, 0, 1, 2. Astronomy: 1, 0, 1, 0. Bacteriology and Pathology: 1, 0, 0, 1. Biochemistry: 1, 0, 0, 1. Botany: 3, 4, 1, 2. Business Organization and Management: 1, 1, 2, 3. Chemistry: 3, 4, 2, 2. Civil Engineering: 2, 1, 0, 2. Classics: 1, 2, 0, 1. Clinical Investigation: 1, 0, 0, 1. Commercial Arts: 0, 0, 0, 2. Dairy Husbandry: 1, 1, 1, 3. Dental Science and Literature: 1, 0, 0, 3. Dental Surgery: 0, 0, 0, 4. Dermatology and Syphilology: 1, 0, 0, 1. Dramatic Literature: 1, 0, 0, 1. Drawing and Painting: 0, 1, 1, 4. Economics: 2, 0, 2, 3. Educational Psychology and Measurements: 2, 2, 1, 1. Electrical Engineering: 1, 2, 1, 3. Elementary and Rural Education: 0, 1, 0, 0. Elocution and Dramatic Art: 0, 1, 0, 1. English: 6, 1, 2, 6. Entomology: 2, 0, 1, 1. Geology and Geography: 3, 2, 1, 2. Germanic Languages and Literature: 1, 0, 0, 1. History: 5, 2, 1, 0. History and Criticism of Fine Arts: 0, 0, 1, 0. History and Principles of Education: 1, 0, 1, 0. Home Economics: 1, 0, 3, 10. Horticulture: 1, 1, 0, 1. Industry and Survey: 1, 0, 0, 1. Internal Medicine: 4, 2, 4, 6. Journalism, School of: 1, 1, 0, 1. Kindergarten Primary Education: 0, 1, 0, 1. Law: 4, 0, 2, 1. Mathematics: 3, 3, 1, 4. Mechanical Engineering: 2, 0, 2, 4. Medical Jurisprudence: 0, 0, 0, 2. Military Science and Tactics: 1, 0, 7, 0. Neurology and Psychiatry: 1, 0, 1, 0. Nursing: 1, 0, 1, 6. Obstetrics and Gynecology: 1, 0, 1, 2. Operative and Clinical Dentistry: 2, 0, 1, 2. Ophthalmology: 2, 0, 0, 1. Orthopedic Surgery: 1, 0, 0, 1. Oto-Rhino-Laryngology: 1, 0, 1, 5. Pathology and Bacteriology: 2, 2, 0, 2. Pediatrics: 2, 1, 0, 2. Pharmacy: 0, 1, 0, 2. Philosophy: 3, 0, 0, 2. Physical Education and Athletics: 5, 0, 2, 6. Physics: 3, 0, 0, 2. Physiology and Pharmacology: 2, 1, 0, 1. Political Science: 2, 2, 1, 0. Poultry Husbandry: 1, 0, 0, 1. Romance Languages and Literature: 2, 2, 0, 4. Rural Economics: 1, 1, 1, 0. School Administration: 1, 0, 0, 1. Secondary Education: 1, 0, 1, 0. Sociology: 4, 0, 0, 1. Surgery: 4, 0, 4, 6. Teachers' Col-

lege High School: 1, 0, 1, 2. Theory and History of Music: 0, 0, 0, 4. Therapeutics: 0, 1, 1, 0. Urology: 1, 0, 0, 0. Vocational Education: 1, 0, 3, 0. Zoology: 4, 0, 0, 2. See also Chapters V–VI.

Enrolment for year ending June 30, 1926: College of Agriculture: 487: Men, 209; women, 278. College of Arts and Sciences: 3,134: Men, 1,417; women, 1,717. College of Business Administration: 908: Men, 806; women, 102. College of Dentistry: 90: Men, 89; women, 1. College of Engineering: 702: Men, 700; women, 2. Graduate College: 787: Men, 413; women, 374. College of Law: 194: Men, 190; women, 4. College of Medicine (Omaha): 305: Men, 278; women, 27. College of Pharmacy: 195: Men, 170; women, 25. Teachers College: 3,233: Men, 338; women, 2,895. School of Fine Arts: 519: Men, 73; women, 446. School of Journalism: 135: Men, 83; women, 52. School of Nursing (Omaha): Women, 61. Total Collegiate Registration (excluding repeated names): 9,896: Men, 4,489; women, 5,407.

Summary of students in the Secondary Schools and in the University Extension Division: School of Agriculture (6 months' course): 132: Men, 103; women, 29. Short courses: 216: Men, 201; women, 15. Nebraska School of Agriculture (Curtis): 205: Men, 97; women, 108. Teachers College High School: 398: Men, 159; women, 239. University Extension Division: April 1, 1925, to April 1, 1926: Correspondence Study and Class Instruction (excluding repeated names): 891. Summary of Students: In Colleges: 9,896: Men, 4,489; women, 5,407. In Schools: 1,818: Men, 887; women, 931. Grand total of unrepeated names: 11,714: Men, 5,376; women, 6,338. Total number matriculates since foundation: 48,000.

Degrees conferred for year ending June 30, 1926, 1,052. Total number of degrees conferred to September 1, 1926, 14,085: Architectural Engineer: Men, 2. B. of Agriculture: Men, 7. B.A.: Men, 2,235; women, 3,242. B.A. in Education: Men, 31; women, 174. B. of Civil Engineering: Men, 13. B. of Fine Arts: Men, 21; women, 167. B. of Fine Arts in Education: Women, 23. LL.B.: Men, 1,480; women, 15. B. of Letters: Men, 47; women, 29. Ph.B.: Men, 5; women, 2. B.S.: Men, 1,097; women, 159. B.S. in Agriculture: Men, 496; women, 2. B.S. in Agricultural Engineering: Men, 34. B.S. in Architectural Engineering: Men, 15. B.S. in Business Administration: Men, 461; women, 31. B.S. in Chemical Engineering: Men, 24. B.S. in Civil Engineering: Men, 192. B.S. in Commercial Engineering: Men, 2. B.S. in Dentistry: Men, 4. B.S. in Education: Men, 52; women, 269. B.S. in Electrical Engineering: Men, 220. B.S. in Engineering: Men, 166. B.S. in Forestry: Men, 29. B.S. in Home Economics: Women, 411. B.S. in Mechanical Engineering: Men, 115. B.S. in Medicine: Men, 146; women, 10. B.S. in Nursing: Women, 1. B.S. in Pharmacy: Men, 68; women, 16. Civil Engineer: Men, 3. D.D.S.: Men, 170; women, 1. J.D.: Men, 7. M.D.: Men, 707; women, 38. Ph.D.: Men, 72; women, 15. Electrical Engineer: Men, 9. Graduate Nurse: Women, 90. Graduate in Pharmacy: Men, 170; women, 24. M.A.: Men, 700; women, 395. Master of Forestry: Men, 11. LL.M.: Men, 8. Ph.M.: Men, 2. M.S.: Men, 77; women, 5. M.S. in Agricultural Engineering: Men, 4. M.S. in Civil Engineering: Men, 1. M.S. in Electrical Engineering: Men, 5. M.S. in Mechanical Engineering: Men, 2. Mechanical Engineer: Men, 4. Pharmaceutical Chemist: Men, 45; women, 7. Total: Men, 8,959; Women, 5,126.

Fees and other expenses: Matriculation, $5; diploma, $5 to $10; registration, $1. A tuition fee based on the credit hour is charged in all colleges and departments of the University. This fee is $1 a credit hour in most academic courses which do not carry laboratory work. The fee is $2 a credit hour in laboratory and certain professional courses. In the professional colleges it varies from $3 to $5 a credit hour. Non-resident fees: "The fee charged will not be less than the fee charged to residents of Nebraska for a similar course of study in a corresponding institution by the State in which such non-resident has his home." (Chapter 59, page 178, Nebraska Session Laws of 1923.)

Fellowships and scholarships, established in the different departments of the Univer-

sity, are available to students registered in the Graduate College. They are not gifts or benefactions from the State, but are means whereby services are rendered to the University while at the same time the holder is assisted in pursuing some special line of study or research.

Employment bureau: Approximately 1,000 students receive employment through this department. A survey of students during 1925 showed 35 per cent of the students to be entirely or partly self-supporting.

Dates of beginning and ending sessions: First semester: September 12, 1927 to January 27, 1928; second semester: January 27 to June 1, 1928.

Summer session: First session: From June 4 to July 13, 1928.

Extension: The University offers courses by extension to all persons who are unable to attend school. Correspondence courses are offered in an effort to take the university to the people of the State, and are designed to give those who wish to do so an opportunity to investigate all problems that may concern the citizens of Nebraska. As a matter of convenience, the work is divided into five groups, as follows: I. Educational Service; II. Instruction; III. Lectures and Entertainment; IV. Debating and Public Discussion; V. General Welfare. There were 1,818 extension students during 1926–27. Both in Lincoln and Omaha evening classes offered in Agriculture, Engineering, Business Administration, Teachers College, and in the Colleges of Arts and Sciences.

Publications: General catalog in May. Bulletins. University Studies, Studies from the Zoological Laboratory, Reports of the Botanical Survey of Nebraska, the Flora of Nebraska, and the Nebraska Geological Survey.

Achievements of year ending June 30, 1926: Coliseum, costing $500,000, built by the Athletic Department. Morrill Hall (museum), in course of construction, to cost $300,000. Gift of $40,000 for support of museum received from C. H. Morrill, of Stromsberg, Nebraska.

Administrative officers: Chancellor, Samuel Avery; Registrar, Florence Irmin McGahey; Dean of Women, Amanda Henrietta Heppner; Dean of Men, George Richard Chatburn; Dean, Lucius Adelno Sherman; Dean, College of Agriculture, Edgar Albert Burnett; Dean, College of Pharmacy, Rufus Ashley Lyman; Dean, College of Engineering, Olin Jerome Ferguson; Dean, College of Business Administration; James Edward LeRossignol; Dean, Teachers College, William Elmer Sealock; Dean, College of Dentistry, George Albert Grubb; Dean, College of Arts and Sciences and Graduate College, Herman Gerlach James; Dean, College of Medicine (Omaha), John Jay Keegan; Dean, College of Law, Henry Hubbard Foster; Director, School of Fine Arts, Paul Henry Grummann; Superintendent, School of Nursing, Charlotte Burgess; Acting Director, School of Journalism, Gayle Courtney Walker; Principal, School of Agriculture, Harry Elwyn Bradford; Superintendent, Nebraska School of Agriculture (Curtis), Charles Kennedy Morse; Principal, Teachers College High School, Charles William Taylor.

THE UNIVERSITY OF NEVADA

RENO, NEVADA

University for both men and women. Publicly controlled. State institution. Founded in 1864.

First located at Elko. Moved to Reno, 1885. Reopened 1886.

Board of 5 Regents elected to 10-year terms. Colleges of Arts and Sciences, Engineering and Agriculture.

Financial resources: Endowment, $177,180.59. Income from endowment, $8,752.09. Income from other sources, State and Federal funds, $456,757.29. Clarence H. Mackay, for instruction: $18,000; for building, $100,000. Student fees, including board and lodging, $110,791.83. Departmental earnings, $14,573.57. Scholarships and prizes, $5,050. Total annual expenditures, $697,707.24. Budget for 1926–27, $260,093.71.

Grounds and buildings: Total value of grounds (60 acres): $110,000. Total present worth of buildings: $653,405.75. Total value of grounds, buildings and equipment: $904,156.95. One residence hall for men

(90); 2 for women (80 and 85). Mackay School of Mines designed by Stanford White furnishes architectural "key" for campus.

Library (1913): 43,500 bound volumes. 400 current periodicals. Reno Free Public Library of 23,000 volumes and Nevada State Library 30 miles away at Carson City of 61,000 general and miscellaneous volumes; law library of 40,000 volumes; value $250,000.

Laboratories: Laboratories for Biology, Chemistry, Geology, Physics, Engineering, Mining, Agriculture and Home Economics. Value of equipment: $180,324.20. Expenditures year ending June 30, 1926: $9,328.75.

Health program: Physical examination at entrance. Physical training required Freshman and Sophomore years. Gymnasium (1897: extension 1922). Athletic fields. University Hospital (1902).

Admission requirements: 15 units at least 4 of which must be of a grade of C or 80 per cent or better for Nevada students. Students from outside of State must have 10 of 15 units of grade C or better. Beginning August 1928 Nevada students must present 6 of their 15 units of grade C or better. Admission by certificate or examination. Enrolment of students from outside of State limited to 50 per cent of students who are residents of Nevada when enrolment reaches 600. Certain prescribed entrance units for various schools. World-War veterans permitted to graduate without regard to entrance deficiencies if they meet all other requirements for degrees.

Degree requirements: College of Arts and Sciences, 128 credits. College of Agriculture, 130 credits, except in School of Home Economics in which only 128 are required. College of Engineering requires 152 credits. State Normal School, prescribed courses of study.

Military training required.

Departments and Staff: Agronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Animal Husbandry: 1, 0, 0, 0. Animal Hygiene: 0, 0, 1, 0. Art: 0, 1, 0, 0. Biology: 2, 1, 0, 2. Chemistry: 2, 1, 0, 1. Civil Engineering: 2, 0, 0, 0. Classics: 2, 0, 0, 0. Dairying: 1, 0, 0, 0. Economics: 0, 1, 0, 3. Education: 2, 0, 1, 1. Electrical Engineering: 1, 1, 0, 0. English: 2, 1, 1, 1. Geology: 2, 0, 0, 1. History: 1, 2, 1, 0. Home Economics: 1, 1, 2, 0. Mathematics: 1, 0, 1, 0. Mechanic Arts: 0, 0, 0, 1. Mechanical Engineering: 1, 2, 0, 0. Metallurgy: 2, 0, 0, 1. Military Science: 1 Colonel, 1 Captain, 1 Sergeant. Mineralogy: 1, 0, 0, 1. Mining: 4, 0, 0, 2. Modern Languages: 2, 2, 0, 0. Philosophy: 1, 0, 0, 0. Physical Education: 2, 0, 0, 2. Physics: 1, 1, 1, 0. Psychology: 1, 0, 0, 0. Poultry Husbandry: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: 1,061: College of Arts and Sciences, 614. Normal School, 49. College of Engineering, 188. College of Architecture, 62: Men, 575; women, 338. Summer School, 1925: 165. Veterans Bureau Summer School, 1925: 3. Matriculates from foundation to July 1926: 15,500.

Degrees conferred year ending June 30, 1926: 130. Total number degrees conferred since foundation, 1,140: College of Arts and Sciences, 621; College of Agriculture, 93; School of Mines, 176; School of Mechanical Engineering, 61; School of Civil Engineering, 45; School of Electrical Engineering, 70; Advanced degrees, 57; Honorary degrees, 17.

Fees: No tuition charged for Nevadans. $75 a semester to non-residents. Associated Students fee, $6.60 first semester, $10.60 second semester. General deposit, $10. Hospital fee, $3. Physical Education, $1.50. Diploma fee, $5. Course fees from $1 to $15. Room, $70 to $108. Board, $215 to $325. Average expenses, $370 to $578 for school year.

Twenty-two scholarships valued at $25 to $250. John Armstrong Chaloner Research fellowship of $750 per annum.

Dates of beginning and ending sessions: August 22, 1927 to May 14, 1928.

Summer session: June 18 to July 27, 1928. 9 departments offered a total of 23 courses. Attendance 1925, 165 (Summer session is primarily for teachers in Nevada schools or for prospective Nevada teachers).

Publications: Catalog in May. President's report included in Biennial Report of Regents issued in January of odd numbered years.

Achievements of year ending June 30, 1926: W. A. Clark, Jr., Memorial Library. $100,000 fund for additions to Mackay School of Mines building and equipment by Clarence H. Mackay. Stiffening of entrance requirements and withdrawal of admission privilege to all students from outside Nevada who cannot present 15 acceptable high school units.

Administrative officers: President, Walter E. Clark; Registrar, Louise M. Sissa; Dean of Women, Margaret E. Mack; Dean of Men, Raymond H. Leach; Dean, College of Arts and Sciences, Maxwell Adams; Dean, College of Engineering, Frederick H. Sibley; Dean, College of Agriculture, Robert Stewart; Dean, School of Education and Director, Summer Session, John W. Hall; Director, School of Mines, John A. Fulton.

UNIVERSITY OF NEW HAMPSHIRE

DURHAM, NEW HAMPSHIRE

State University for men and women.

New Hampshire College of Agriculture and the Mechanic Arts created by act of Legislature in 1866 and established at Hanover in connection with Dartmouth College. In 1893 college moved from Hanover to Durham in connection with bequest of Benjamin Thompson of 200 acres and $800,000. July 1, 1923, the College became the University of New Hampshire by act of Legislature.

Board of 13 trustees, including Governor and the President of the University, ex officio. Two Trustees elected by alumni, one a resident of New Hampshire and one at large; the others are appointed by the Governor and Council. All terms are for 3 years. University includes: College of Liberal Arts, College of Technology, College of Agriculture, State Agricultural Experiment Station, Extension Service in Agriculture and Home Economics.

Endowment, $1,030,000. Income from endowment: $34,348. Income from State: $570,292. Income from Federal Government: $133,899. Income from other sources: $458,980. Total income: $1,197,520. Total expenditures for year ending June 30, 1926: $1,196,215. Budget for 1926–27: $1,300,000.

The year 1925–26 was the first in which the University received State support under the law of 1925, by which the University receives yearly one mill for each dollar of assessed valuation of State.

Grounds and buildings: 4 residence halls for men (440) and 4 for women (269). Value of grounds, including campus (85 acres), farms (515 acres), forest (300 acres): $81,972; buildings; $1,270,000. Total value of grounds, buildings, and equipment, $1,812,000.

Library (1907): 55,000 volumes; 500 current periodicals.

Laboratories: Chemistry in Conant Hall; Zoology, Geology, Entomology, and Home Economics laboratories in Thompson Hall; Botany and Agricultural Chemistry in Nesmith; Mechanical and Electrical Engineering and Physics in DeMeritt Hall. Scientific equipment valued at $360,027.

Health program: Required physical examination at entrance. Physical training required of men for 2 years; of women for 3 years. Gymnasium. Athletic fields, 3 for men, 2 for women. University physician. Infirmary.

Admission requirements: 15 units, including English 3, Mathematics 2 (3 in College of Technology), Social Science 1, Natural Science 1. A candidate for admission to the College of Liberal Arts who offers 2 units in a single Foreign Language, may substitute for the 2 units required in Mathematics 2 additional units in English, Social Science, Natural Science, or Foreign Language. One unit of condition allowed; must be removed before registration for second year.

Degree requirements: For A.B. and B.S.: 600 time units. A time unit is one hour a week of student work in class or in preparation. For A.B.: Major in English, Languages, History, or Political Science. For B.S.: Major in other departments. For M.A. and M.S.: 150 time units of advanced work; thesis; residence at least 1 full academic year or 4 summer sessions. Professional degrees, M.E., E.E., and C.E., are conferred only upon graduates of the institution who have done professional work

of high quality and who have presented a satisfactory thesis.

General requirements: Physical training required of Freshman and Sophomore men, and of Freshman, Sophomore, and Junior women. All students except Seniors required to attend a weekly convocation. Freshman and Sophomore men are required to take Military Science.

Departments and Staff: Agricultural Chemistry: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Agronomy: 1, 1, 0, 0. Animal Husbandry: 1, 0, 0, 1. Architecture: 1, 0, 0, 2. Botany: 1, 0, 1, 1. Chemistry: 1, 1, 1, 3. Civil Engineering: 0, 0, 0, 1. Dairy Husbandry: 1, 0, 1, 1. Economics: 1, 0, 3, 1. Education: 1, 0, 2, 2. Electrical Engineering: 1, 0, 0, 2. English: 1, 1, 3, 4. Entomology: 1, 0, 1, 0. Forestry: 1, 0, 0, 1. History and Political Science: 2, 0, 2, 1. Home Economics: 1, 0, 1, 1. Horticulture: 1, 0, 1, 2. Languages: 1, 1, 1, 4. Mathematics: 1, 1, 2, 1. Mechanical Engineering: 1, 0, 3, 4. Music: 0, 0, 1, 0. Poultry Husbandry: 1, 0, 0, 2. Philosophy and Psychology: 1, 0, 1, 0. Physics: 1, 0, 1, 3. Physical Education (women): 0, 0, 1, 1. Physical Education (men): 1, 1, 1, 2. Sociology: 1, 2, 0, 1. Zoology and Geology: 1, 0, 1, 3.

Enrolment for year ending June 30, 1926: 1,348: Men, 891; women, 357: Agriculture, 120; Liberal Arts, 926; Technology, 302.

Degrees conferred June, 1926: B.S., 121; B.A., 53; M.S., 4; M.A., 1; Honorary, 5. Degrees conferred since foundation: 1893: Honorary, 71; Ph.D., 1; D.Sc., 1; M.E., 1; E.E., 4; M.S., 45; M.A., 2; B.S., 1,589; B.A., 304.

Fees: Tuition: New Hampshire resident, $75; non-resident, $150. Fees, $54.50. Board, $220. Room, $63 to $150. Graduation fee, $5. Annual expenses: $440 to $670.

Scholarships to cover tuition awarded to students resident in New Hampshire. Scholarships granted to Juniors and Seniors treated as loans at interest after graduation.

Research: Research funds totaling $50,000 from Federal Government and $4,500 from the State, are received for the use of Agricultural Experiment Station.

Dates of beginning and ending sessions: Matriculation day for freshman class, September 13, 1927. Registration day for all classes, September 19, 1927. Autumn term closes December 22. Winter term opens January 2, 1928. Winter term closes March 23. Spring term opens April 2. Examinations close June 15. Commencement day June 18, 1928.

Summer session: June 25 to August 6, 1928. In 1926, 15 departments offered 102 courses. Attendance 1925: 262.

State extension service in Agriculture and Home Economics.

Publications: Bulletin of the University, including Catalog, President's Report, etc., 7 times a year. Experiment Station publishes results of its experiments. The Extension Service publishes information about Agriculture and Home Economics.

Achievements of year ending June 30, 1926: Hetzel Hall, dormitory for men, completed. Hetzel is the first building constructed under the law passed by the Legislature in 1925, which provides a continuing fund for adequate maintenance and a margin for construction according to a comprehensive plan for the development of the campus.

Administrative officers: President, Edgar M. Lewis; Dean of the Faculty, Charles H. Pettee; Director of the Experiment Station and Extension Service, John C. Kendall; Dean, the College of Agriculture, Frederick W. Taylor; Dean, the College of Liberal Arts, Albert N. French; Dean, the College of Technology, George W. Case; Executive Secretary and Dean of Men, Adrian O. Morse; Dean of Women, Elizabeth P. DeMeritt; Registrar, Oren V. Henderson.

UNIVERSITY OF NEW MEXICO

See: State University of New Mexico.

THE UNIVERSITY OF NORTH CAROLINA

CHAPEL HILL, NORTH CAROLINA

University, State owned and controlled. Women admitted to two higher classes, to professional schools, as special students. Divisions: College of Liberal Arts; School of

Applied Science; School of Education; School of Commerce; Graduate School; School of Law; School of Medicine; School of Pharmacy; School of Engineering; School of Public Welfare; Institute of Research in Social Science; Summer School; Extension Division.

The State constitution of 1776 provided for the University. Chartered in 1789. Building began 1793; opened 1789.

Board of 100 Trustees elected by General Assembly of North Carolina.

Endowment, $1,800,000. Income from endowment: $90,000. State appropriation for maintenance: $800,000. Expenditures year ending June 30, 1926, for permanent improvements and maintenance: $1,553,-203.51. Budget 1926–27: $800,000. Recent gifts: Kenan Memorial Stadium, under construction, $275,000; for School of Education, $75,000 from General Education Board; from Laura Spelman Rockefeller Memorial for Institute for Research in Social Science, $142,500; for Press, $75,000; Toms Scholarship Fund, $5,000.

Grounds and buildings: Campus, 106 acres (not including undeveloped 500 acres); buildings 44 (with equipment) valued at $6,492,414.84. Residence halls for men and women, 14; capacity, 1,250. Entire plant practically new or rebuilt since 1921. New library projected, 650,000 volumes, 900 readers capacity, value, $850,000. Venable Hall for Chemistry most adequate plant in South (completely equipped in all departments). New Law School unit, new units for Languages, History, Commerce, Physics, Geology, Engineering, and Biology.

Library: Gift of Andrew Carnegie (1907); cost $81,000. 160,000 volumes. Annual additions, 15,000. Periodicals and transactions, 1,700. Eleven departmental libraries: Botany, 1,856 volumes; Chemistry, 4,500; Commerce, 2,500; Education, 5,600; Engineering, 3,500; Geology, 1,900; Law, 12,300; Medicine, 1,300; Pharmacy, 1,500; Rural Economics, 1,600; Zoology, 1,300. Special North Carolina collection for research: 8,638 volumes; 13,291 pamphlets; 8,000 contributions. Bound periodicals: 10,000 volumes. Unusually complete sets of chemical journals.

Laboratories: Six buildings (1905, 1908, 1911, 1912, 1918, 1924); value, $973,000; Geology, Chemistry, Biology, Medicine, Pharmacy, Physics, Psychology, Engineering, Materials Testing, Civil, Electrical, and Mechanical. Value of the equipment in the several departments: $900,000.

Health program: Required free health examinations for all students each year. Mental hygiene clinic. Gymnasium with corrective exercises required for first 2 years. Full-time physician in charge. Gymnasium (1904). Athletic stadium. Athletic fields. Special building, covering more than an acre, for indoor sports. Infirmary, full-time physician. 3 nurses, free clinic.

Admission requirements: Admission by certificate from approved schools or by examination. 15 units, secured by completion of 4 years accredited high-school course. Within these general limitations, specific requirements laid down by school or college for admission to candidacy in that school or college. No conditions allowed.

Degree requirements: A.B., 36 whole courses, or equivalent in prescribed courses and in elective courses in accordance with requirements. Special courses for A.B. in Journalism and in Humanities. In each case 2 years' work is prescribed, 2 years' elective to a limited degree. Not more than three whole courses and one half course may be taken in any one quarter, except by special permission of Administrative Board. Electives must be concentrated in one of these divisions: Language and Literature; Philosophy, Political and Social Sciences; Mathematics, Natural Sciences, Psychology. B.S. in Chemistry, in Medicine, in Geology, in Civil Engineering, in Mechanical Engineering, in Chemical Engineering based on 4-year prescribed curricula. A.B. in Education: Freshman and Sophomore years are the same as in College of Liberal Arts. Junior and Senior years, largely professional prescribed courses. B.S. in Commerce: 4-year curriculum, largely prescribed. Graduate degrees: A.M., S.M., Ph.D.: Under special regulations of Graduate School. LL.B.: 3 years in Law School. A.B., LL.B.: Combined 6 years academic and law course.

J.D.: 4 years academic and degree of A.B. and 3 years of Law. B.S. in Medicine: 3 years prescribed academic work and first 2 years in medicine. Ph.G.: 3 years prescribed work; drug-store experience. B.S. in Pharmacy: 4 years prescribed course.

Departments and Staff: Anatomy: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Bacteriology: 0, 1, 0, 0. Botany: 1, 1, 1, 1. Chemistry: 3, 3, 3, 0. Classics: 3, 0, 1, 1. Comparative Literature: 9, 1, 0, 0. Economics and Commerce: 6, 3, 3, 1. Engineering: 6, 1, 1, 3. English: 5, 4, 3, 8. Geology: 2, 0, 1, 2. German: 2, 0, 2, 0. Histology: 1, 0, 0, 0. History and Government: 5, 2, 2, 3. Journalism: 1, 0, 0, 0. Law: 3, 3, 1, 0. Library Science: 1, 1, 0, 0. Mathematics: 3, 1, 3, 3. Music: 1, 0, 0, 2. Pathology: 1, 0, 0, 0. Pharmacology: 1, 0, 0, 0. Pharmacy: 2, 1, 1, 1. Physics: 1, 0, 0, 1. Physiology: 2, 1, 0, 1. Romance Languages: 2, 4, 2, 9. Rural Social Economics: 1, 1, 0, 1. Sociology: 2, 1, 1, 2. Zoology: 2, 0, 0, 0. See also Chapters V–VI.

Enrolment, 1926: 6,248: Undergraduates, 1,922; Graduates, 144; Law, 108; Medicine, 83; Pharmacy, 58. Total, 2,315. Summer School, 1,236. Extension, 2,697.

Degrees conferred year ending June 30, 1926: 415: A.B., 132; A.B. in Education, 26; S.B. (Tech.), 41; S.B. (Com.), 70; A.B.–LL.B., 1; LL.B., 7; Ph.G., 68; P.L.C.–P.D., 1; A.M., 44; S.M., 14; Ph.D., 11. Degrees conferred since foundation, 16,307.

Fees: College of Liberal Arts, School of Applied Science, School of Education, School of Commerce, School of Public Welfare, Graduate School: Tuition for residents of North Carolina, $25; matriculation, including library, gymnasium, and physician's fee, $12; publications, $1.66; laundry, $8.50. Total, $47.16 a quarter. Students not residents of North Carolina pay tuition $33.34 a quarter. In the School of Engineering tuition is $33.34 a quarter for residents of North Carolina, and $41.67 for others. In Medicine tuition is $73.34 a quarter for residents of North Carolina, and $81.67 for others. In Pharmacy, tuition, $28.34 or $36.67. In Law: For autumn and spring terms, each, $50 for residents of North Carolina, $62.50 for others; matriculation fee $18; publications, $2.50; laundry, $12.75 Laboratory fees vary from $2 to $10 a quarter. Room in dormitory, $5 to $9.50 a month. Board at Swain Hall, $22 a month Annual expenses: Low, $500; liberal, $800

Scholarships: 125 scholarships covering cost of tuition ($75) awarded annually to undergraduates in academic department $15,000 a year available for loans. 24 fellowships at $500 and free tuition; 10 research assistantships at $1,500; 15 scholarships at $75; several teaching fellowships at $500 to $800; 1 research fellowship in Chemistry, at $300; Graham Kenan Fellowship in Philosophy (income from $25,000 endowment) available in Graduate School.

Employment bureau: Forty per cent of the students earned their way by working in community, year ending June 30, 1926.

Dates of beginning and ending sessions (4 University quarters, Summer school of 3 sessions): Summer quarter: June 14, 1928 August 31, 1928. Autumn quarter: September 22; December 20, 1927. Winter quarter: January 3, 1928; March 17. Spring quarter: March 24; June 7, 1928.

Summer session is a full quarter of the university year and all departments except the School of Medicine offer courses. In addition, there is a special normal teacher training school. Enrolment, 1926, 1,236.

University extension: 2,697 enrolled students, in addition to the general people of the State, were served by the Extension Division in the year ending June 30, 1926 through regular classes taught by University professors, by correspondence, lectures and discussion groups. The Division operates through Bureau of Class Instruction Bureau of Correspondence Instruction Bureau of Public Discussion; Bureau of Lectures and Short Courses; Bureau of Community Drama; Bureau of Commercial and Industrial Relations; Bureau of Community Music; Bureau of Visual Instruction Bureau of Local Government Research and Information; Bureau of Economic and Social Surveys; Bureau of High School Debating and Athletics; Bureau of Recreation and Community Organization; Bureau of Design and Improvement of School Grounds

Bureau of Educational Service and Research. Each with a permanent chief and staff.

Publications: "Record," containing President's report, etc., 12 numbers a year. Catalog in spring. The University of North Carolina issues the following journals: The journal of the Elisha Mitchell Scientific Society: A quarterly journal of research in all branches of science, now in its fortieth volume. "Studies in Philology": Published quarterly and devoted to research in language and literature, now in its twenty-third volume. "Social Forces" (formerly, "Journal of Social Forces"): A journal devoted to research and practical investigation, contributions being received from all parts of the country. Published quarterly—in September, December, March and June—now in its fifth volume. "The James Sprunt Historical Publications" (formerly "The James Sprunt Historical Monographs"): A semi-annual publication devoted to monographs on North Carolina history; now in its eighteenth volume. The "High School Journal" (formerly, "The High School Bulletin," vols. 1 to 8): Published monthly from October to May, in the interest of secondary schools; now in its ninth volume. The "North Carolina Law Review": A journal of research and information on all matters pertaining to legal practice, with special reference to North Carolina. Published quarterly; now in its fifth volume. The "University of North Carolina Extension Bulletin": Issued 14 times annually for the use of individuals and organizations engaged in extra-mural study; now in its sixth volume. The "University News Letter": A weekly single-page publication containing the results of investigations made in the field of rural social science and relating particularly to North Carolina; now in its thirteenth volume. "Commerce and Industry": A monthly single-page publication containing articles and news items relating to commercial and industrial conditions in the South, with particular reference to North Carolina; now in its fourth volume. "Research in Progress": Annual review of research in progress at the University of North Carolina; published in July; now in its seventh volume. The University of North Carolina Press was established in 1922. In addition to its journals it has published 25 volumes.

Bibliographical reference: "Alumni History of the University of North Carolina, 1795–1924". Published by the University, 1924.

Administrative officers: President, Harry Woodburn Chase; Registrar, Thomas James Wilson, Jr.; Dean of Students, Francis Foster Bradshaw; Advisor to Women, Mrs. Marvin Hendrix Stacey; Director of Athletics, Robert Allison Fetzer; Executive Secretary, Robert Burton House; Dean, College of Liberal Arts, Addison Hibbard; Dean, School of Applied Science, Andrew Henry Patterson; Acting Dean, School of Education and Director of the Summer School, Nathan Wilson Walker; Dean, School of Commerce, Dudley DeWitt Carroll; Dean, Graduate School, James Finch Royster; Dean, School of Law, Abner Leroy Green; Dean, School of Medicine, Isaac Hall Manning; Dean, School of Pharmacy, Edward Vernon Howell; Dean, School of Engineering, Gustave Maurice Braune; Director, School of Public Welfare, Howard Washington Odum; Director, Extension Division, Chester DeForest Snell.

UNIVERSITY OF NORTH DAKOTA

GRAND FORKS, NORTH DAKOTA

State University. Coeducational.

Founded by an act of the Assembly of North Dakota passed February 23, 1883.

Board of Administration: Five members; 3 members on salary appointed by the Governor with the approval of the Senate; State Superintendent of Public Instruction and State Secretary of Agriculture and Labor ex officio members.

Endowment: $1,700,000. Income from endowment, $60,000. Income from other sources, $691,730. Total annual expenditures year ending June 30, 1926, $648,840. Budget, 1926–27, $635,411. Stadium campaign for $500,000 by alumni association.

Grounds and buildings: Total value of grounds (120 acres), $153,000. Total present worth of buildings, $1,313,000. Total

value of grounds, buildings and equipment, $2,145,000.

Library (1908), 90,000 volumes, including 19,000 Government documents; 700 current periodicals. Special collections: Hill railroad collection; North Dakota history and politics; North Dakota documents; Icelandic.

Laboratories: Science Hall (1901), $86,-289; Mechanical Engineering Building (1902), $42,352; Babcock Hall (1908), $67,-035; Chemistry Building (1918), $115,775. Value of equipment in principal departments, $678,000.

Health program: Health clinic conducted by university physician. Nurse. Physical examinations in connection with R. O. T. C. and Physical Training for both men and women. Women's Gymnasium (1907), $60,-112. Armory and Men's Gymnasium (1918), $62,827.

Admission requirements: Graduation from 4-year high school or equivalent. Completion of Sophomore year minimum requirement for admission to Schools of Education, Law, Medicine, and Commerce. One condition allowed, which must be removed within a year.

Degree requirements: 125 credits with an average grade of 78. Major and ordinarily two minor subjects, with much of the other work in the form of group requirements, so that three-fifths of the work is in required subjects. College of Engineering is theoretically 4 years, but requirements cover about 150 hours, as compared with 125 in Liberal Arts. Two years of work to complete Premedical curriculum and those in Education and Commerce; 3 years' work to complete Law curriculum.

General requirements: Physical Education required of Freshmen and Sophomores. Military Science required of Freshmen and Sophomore men students.

Departments and Staff: Accounting: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 2. Anatomy: 1, 0, 0, 1. Art: 0, 0, 0, 2. Bacteriology and Pathology: 1, 0, 0, 0. Chemistry: 1, 1, 2, 2. Civil Engineering: 1, 0, 0, 0. Classical Languages: 1, 1, 0, 0. Economics and Business: 1, 1, 3, 1. Education: 2, 1, 0, 0. Electrical Engineering: 1, 0, 0, 1. English: 1, 2, 2, 5 Geology: 2, 0, 0, 1. German: 1, 0, 0, 1. History, American: 1, 0, 0, 1. History, European: 1, 0, 0, 2. Home Economics: 0, 1 0, 2. Journalism: 0, 1, 0, 1. Law: 3, 2, 0, 0 Manual Art: 0, 0, 1, 0. Mathematics: 1, 0 1, 1. Mechanical Engineering: 1, 0, 1, 2 Mining, Metallurgical and Industrial Chemistry: 2, 0, 2, 0. Music: 0, 1, 1, 1. Philosophy: 0, 1, 0, 0. Physiology and Pharmacology: 1, 0, 0, 1. Physical Education: 1, 1 1, 1. Physics: 1, 0, 1, 1. Psychology: 1, 0 1, 0. Public Speaking: 0, 1, 0, 1. Romance Languages: 1, 0, 0, 3. Scandinavian Languages: 1, 0, 0, 1. Sociology: 2, 0, 0, 1 Zoology: 1, 1, 0, 0.

Enrolment for year ending June 30, 1926 2,281. Total number of matriculates since foundation, 12,665.

Degrees conferred year ending June 30 1926, 315. Total number of degrees conferred since foundation, 2,848: Ph.D., 1 LL.D., 3; Sc.D., 1; J.D., 14; M.A., 99 M.S., 41; M.S. in Ed., 6; M.S. in Com., 1 M.S. in Eng., 2; B.A., 886; B.S., 52; B.L., 2 B.A. (Com.), 81; B.A. Arts-Med., 79; B.A in B.Ped., 22; B.A. Arts and Ed., 456; B.A in Ed., 56; B.S. in Com., 80; B.S. Arts and Ed., 8; B.A. Arts-Med., 82; B.S. in Ed., 170 LL.B., 411; Grad. Nurse, 4; B.S. in E.M. 39; B.S. in M.E., 27; B.S. in E.E., 60; B.S in C.E., 53; B.S. in Eng., 11; E.M., 57 M.E., 23; E.E., 12; C.E., 7.

Fees: An incidental fee of $12.50 and an activity fee of $4.50 are charged all students except those in Law ($25) and Medicine ($25) for residents of North Dakota, and $50 for others; upper class men in Engineering ($17.50) a semester. Board, $5.50 a week. Rent, $1.50 a week. Annual expenses: Liberal, $700; low, $500.

Fellowships: One of $400 in School of Mines; 3 of $300 each in any college or school. Three graduate scholarships of $150 each. Three undergraduate scholarships.

31.4 per cent of students earned way through college during year ending June 30 1926.

Dates of beginning and ending sessions First semester, September 17, 1927; January 28, 1928. Second semester, January 30; June 2, 1928.

Summer session: June 6–July 28, 1928. 25 departments offered 99 courses in 1926. Attendance, 1925, 394.

University extension: Staff, 42. Departments: Instruction, Public Information, Educational Cooperation. Correspondence enrolment for credit, 350. Evening classes for credit, 76.

Catalog in May bulletin.

Administrative Officers: President, Thomas F. Kane; Registrar, E. C. Miller; Dean of Women, M. Beatrice Olson; Dean of Men, E. K. Smiley; Director, Extension Division, Albert H. Yoder; Dean, College of Liberal Arts, Vernon P. Squires; Dean, School of Education, Joseph Kennedy; Dean, College of Engineering, E. F. Chandler; Dean, School of Law, O. P. Cockerill; Dean, School of Medicine, H. E. French; Dean, School of Commerce, E. T. Towne.

UNIVERSITY OF NOTRE DAME DU LAC

NOTRE DAME, INDIANA

University for men, privately controlled. Owned and conducted by Congregation of Holy Cross, a religious community of the Roman Catholic Church. Students of all faiths are enrolled and the faculty is not exclusively Catholic. Over 60 per cent of teaching staff is composed of laymen; the remainder of priests and brothers belonging to the Congregation of Holy Cross.

Founded in 1842 through efforts of Bishop of Vincennes and the Very Reverend Edward F. Sorin, of the Congregation of Holy Cross, who led a band of religious teachers from France at the request of the Bishop. Chartered by Legislature of Indiana in 1844. In 1869 the first permanent Department of Law at an American Catholic university opened, and other professional programs subsequently added.

Organization: Board of Trustees, made up of ex officio and elected officers from the Congregation of Holy Cross, assisted by an Associated Board of Lay Trustees, composed of alumni members and members at large. The latter board has the responsibility of holding, investing, and administering the endowment funds of the institution. The University comprises: College of Arts and Letters, College of Science, College of Law, College of Engineering, College of Commerce, School of Education, School of Fine Arts, and School of Journalism.

Endowment: $1,069,000. Receipts from student fees, rent of room in dormitories, board, and other non-educational services, for 1925–26, $741,098.

Grounds and buildings: Campus of 1,200 acres; over 25 buildings used for university purposes; 12 residence halls for men. Total value of buildings, $2,446,643. Value of grounds, including farm, $184,000. Value of library, scientific apparatus, and other equipment, $980,250.

Library (1917), 130,000 volumes, exclusive of pamphlets. Special collections: Danteana, 2,800 volumes; Hiberniana, 3,000 volumes; two botanical collections aggregating 7,000 volumes; a South American collection of 1,500 volumes, supplemented by maps and photographs.

Laboratories: Separate building (1918) devoted to Chemistry. Laboratories for Biology, Physics, and Psychology, in Science Hall. Engineering shops include a mechanical laboratory, machine shop, blacksmith shop, foundry, wood-working room, drafting room, and dynamo laboratory.

Astronomical Observatory.

Health program: Gymnasium and swimming-pool. Part-time university physician and 3 full-time nurses. Infirmary. Medical and physical examination of all Freshmen. One year of Physical Education required of all students.

Admission requirements: 15 units, including English 3, Foreign Language 2, History 1, Algebra 1, Science 1, Geometry 1. A very few students are accepted with 14 units, for special reasons, but are registered as conditioned Freshmen, and the deficiency must be removed during first year of enrolment.

Degree requirements: For A.B., 128 semester hours of prescribed and elective work; B.S., 126 hours; B.S. in Physical Education, 128 hours; B.F.A., 133 hours; B. Mus., 134 hours; Phar.G., 115 hours; B.S. in Agriculture, 126 hours; B.S. in Civil Engineering, Mechanical Engineering, Electrical Engineering, Chemical Engineering,

Mining Engineering, and Architectural Engineering, from 140 to 160 hours; Bachelor of Architecture, 141 hours; LL.B., 2 years of pre-law work and 3 years of law; Ph.B. in Commerce, 132 hours; B.C.S., 130 hours. M.A. and M.S. are conferred for one year of work beyond the bachelor's degree. Ph.D., 3 years of work beyond bachelor's degree.

General requirements: Physical training required of all Freshmen. All students required to attend brief morning and evening prayers in dormitory chapels and Sunday services. Catholic students also required to carry instruction in religion.

Departments and Staff: Agriculture: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Ancient Languages: 2, 0, 2, 1. Architecture: 1, 0, 1, 1. Art: 1, 0, 0, 1. Astronomy: 1, 0, 0, 0. Biology: 1, 1, 1, 0. Boy Guidance: 1, 0, 0, 0. Chemistry: 3, 0, 1, 1. Economics and Politics: 1, 0, 2, 4. Education: 2, 0, 1, 4. Engineering: 5, 0, 1, 4. English: 3, 0, 7, 6. Finance and Accounting: 1, 0, 1, 2. Foreign Commerce: 1, 0, 0, 0. History: 2, 0, 4, 1. Journalism: 1, 0, 0, 1. Law: 4, 2, 0, 1. Marketing: 1, 0, 0, 0. Mathematics: 1, 0, 1, 2. Mechanical Drawing: 1, 0, 0, 0. Modern Languages: 2, 0, 3, 4. Music: 1, 0, 0, 3. Pharmacy: 1, 0, 0, 0. Philosophy: 4, 0, 2, 4. Physics: 1, 0, 2, 0. Religion: 1, 0, 4, 3. Sociology: 1,0,0,1. Speech and Drama: 0,0,0,1.

Enrolment: For year ending June 30, 1926, 3,237: College of Arts and Letters, 1,043; College of Science, 234; College of Engineering, 396; College of Law, 193; College of Commerce, 728. Summer session, 1925, 795.

Degrees conferred August, 1925: Advanced degrees, 18; baccalaureate degrees, 51. June, 1926: Advanced degrees, 13; baccalaureate degrees, 283.

Fees and expenses: Annual tuition fee, $200. Library fee, $10. Athletic fee, $10. Matriculation fee, $10. Graduation fees, $10 to $25. Laboratory and studio fees vary. Rooms in university dormitories, $2 to $8 a week. Board in university dining halls, $375 a year.

Scholarships amounting in value to $5,000 awarded yearly to undergraduate students; 10 to 15 graduate assistantships, paying small salary for part-time teaching.

Employment bureau: About 900 students earn part of their expenses.

Dates of beginning and ending sessions: Second Monday in September, and first or second Sunday in June of each year. A recess of about two weeks at Christmas and of nearly a week at Easter.

Annual summer session of 6 weeks, beginning last week of June and ending first week of August. Attendance, summer of 1926, 935, of whom 340 were graduate students.

Publications: General Catalog; special bulletins for various departments; annual religious survey of the student body; research bulletins of School of Education; university directory, etc., and one scientific periodical, the "American Midland Naturalist," published by University Press.

Administrative officers: President, Reverend Matthew J. Walsh, C. S. C.; Director of Studies, Reverend Matthew Schumacher, C. S. C.; Registrar, Reverend Patrick McBride, C. S. C.; Dean, College of Arts and Letters, Reverend Charles Miltner, C. S. C.; Dean, College of Science, Reverend Francis Wenninger, C. S. C.; Dean, College of Engineering, Martin J. McCue; Dean, College of Law, Thomas F. Konop; Dean, College of Commerce, James E. McCarthy.

THE UNIVERSITY OF OKLAHOMA

NORMAN, OKLAHOMA

State university for men and women.

Founded December 19, 1890. Opened in 1892. The Act to locate and establish the University of Oklahoma provided that when $10,000 and 40 acres of land were given to the Territory by the city of Norman, the institution should be located at that place.

Board of 7 Regents, 2 of whom must be alumni of the University of Oklahoma. Appointed by Governor for terms from one to 7 years. Graduate School, College of Arts and Sciences, College of Fine Arts, College of Engineering, Schools of Journalism, Social Science, Home Economics, Busi-

ness, Education, Pharmacy, Law, Medicine, Training School for Nurses.

Total annual expenditures year ending June 30, 1926, $1,252,650. Budget, 1926–27, $1,187,650.

Grounds and buildings: Land grant by Congress valued at $3,200,000. Value of 19 buildings and 147 acres, $3,389,000. Two residence halls for women (336).

Library (1920), 75,000 volumes, not including government documents; 800 current periodicals. Special collections: Oklahoma Geological Survey; State Industrial Chemical Library, 10,000 volumes.

Laboratories: Separate buildings for Medicine, value $100,000; equipment, $40,000. Chemistry, value $175,000; equipment, $54,000. Biology, $25,000; equipment, $30,000. Geology, $100,000; equipment, $25,000. Engineering, 2 buildings, $175,000; equipment, $85,000. Physics in Administration Hall; equipment, $22,000.

Health program: Health examination for all women each semester. Student infirmary for men and women. Infirmary fee of $2.50 charged every student each semester. Women's building, including gymnasium and swimming-pool, cost $175,000. Men's gymnasium under construction, $186,000. Athletic fields. Stadium (15,500), cost $130,000.

Admission requirements: Graduation from an accredited high school or 15 units. Required units: English 3, Algebra 1, Plane Geometry 1 (not required for Fine Arts), European History 1, American History ½ (for Arts and Sciences only); Foreign Language 2, Chemistry, Physics, Botany, or Zoology 1. In addition to these, Algebra ½, and Solid Geometry ½, required for Engineering. For each unit deficient, the student must complete 5 semester hours in that subject during his college course. Plane Geometry may be taken in the university, but without credit.

Degree requirements: 124 semester hours, with 175 grade points for graduation in Arts and Sciences, Business, Education, and Fine Arts. Engineering, Law, Medicine, and Pharmacy have fixed curricula. In Arts and Sciences the student is required to complete, in addition to Freshman English, Foreign Language, Natural Science, Government, and Mathematics, 9 hours in one Social Science, in one Natural Science, and in one Language. He is also required to complete a major of 20 hours and at least one minor of 12.

General requirements: 2 years of Physical Education required of women during their Freshman and Sophomore years. All men under 21 required to take 2 years of Military Science. All men over 21 required to take Physical Education.

Departments and Staff: Accounting: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 0. Advertising: 0, 0, 1, 0. Anatomy: 1, 1, 0, 0. Art: 1, 0, 3, 1. Astronomy: 1, 1, 0, 0. Bacteriology: 1, 0, 1, 0. Biochemistry: 1, 0, 1, 0. Botany: 0, 0, 1, 2. Business Administration: 1, 0, 2, 0. Business Law: 0, 0, 1, 0. Chemistry: 1, 0, 4, 2. Civil Engineering: 1, 1, 0, 1. Dramatic Art: 0, 0, 0, 3. Economics: 3, 0, 1, 0. Education: 2, 1, 4, 5. Electrical Engineering: 1, 1, 1, 0. Embryology: 1, 0, 0, 0. English: 2, 1, 5, 9. Finance: 1, 0, 1, 0. Geology: 4, 2, 1, 3. Government: 2, 1, 2, 1. Greek: 1, 0, 0, 1. Histology: 1, 0, 0, 1. Home Economics: 0, 1, 2, 5. Hygiene: 1, 0, 0, 0. Journalism: 1, 0, 1, 2. Latin: 1, 1, 0, 0. Law: 5, 0, 0, 0. Library Science: 1, 0, 0, 0. Mathematics: 3, 1, 0, 5. Mechanical Drawing: 0, 0, 1, 1. Mechanical Engineering: 2, 0, 1, 0. Mechanics: 1, 0, 1, 0. Modern Languages: 3, 0, 2, 11. Music: 7, 2, 5, 4. Pathology: 1, 0, 1, 0. Petroleum Engineering: 2, 0, 0, 0. Pharmacology: 1, 0, 1, 0. Pharmacy: 1, 2, 2, 0. Philosophy: 2, 0, 1, 0. Physical Education: 0, 2, 4, 3. Physics: 1, 1, 2, 1. Physiology: 1, 1, 0, 0. Psychology: 1, 1, 3, 0. Public Speaking: 0, 0, 1, 1. Shop: 0, 0, 0, 3. Sociology: 1, 0, 2, 0. Zoology: 2, 0, 1, 1.

Enrolment for year ending June 30, 1926, 4,714: Men, 3,046; women, 1,668.

Degrees conferred year ending June 30, 1926, 697. Total number of degrees conferred since foundation, 6,087: Arts and Sciences, 3,304; Business, 90; Education, 222; Engineering, 286; Fine Arts, 256; Law, 440; Medicine, 467; Nursing, 121; Pharmacy, 483; Graduate, 439.

Fees: Tuition fee for non-residents, $25 a semester. Graduation, $5. Laboratory fees, 50 cents to $12. Charge for lodging and board, $130. Annual expenses: Liberal, $1,000; low, $500.

Mr. Lew Wentz, of Ponca City, Oklahoma, established a loan fund of $50,000 for the students in the university. Students who have completed at least one year of college work are eligible for loans in amounts not to exceed 75 per cent of yearly expenses. C. J. Wrightsman Fellowship in Geology and Petroleum Engineering, $500; Marland Refining Company Research Fellowship, $500; Max B. Miller Fellowship in Geology, $500; Phi Gamma Delta Fellowship, $750.

Employment secretary for men and for women; 65 per cent of students earn part or all of expenses.

Dates of beginning and ending sessions: September 19, 1927 to January 26, 1928; January 30 to June 5, 1928.

Summer session: June 6 to July 24, 1928; July 25 to August 25, 1928. Attendance, 1925, 2,082.

University extension: Enrolment in extension classes for credit during winter session, 1925–26, 275. Enrolment in correspondence for year, 1925–26, 1,648.

Publications: Catalog. "Books Abroad" issued quarterly, beginning January 1, 1927.

Achievements of year ending June 30, 1926: $1,000,000 campaign to raise funds for a stadium and a student union building. $50,000 gift by Mr. Lew Wentz of Ponca City, Oklahoma, for student loan fund.

Administrative officers: President, William Bennett Bizzell; Dean, College of Engineering, James Huston Felgar; Dean, College of Fine Arts, Fredrik Holmberg; Dean, School of Law, Julien Charles Monnet; Dean of Administration, Roy Gittinger; Dean, School of Medicine, LeRoy Long; Dean, School of Pharmacy, David B. R. Johnson; Dean, College of Arts and Sciences, Samuel Watson Reaves; Dean, School of Business, Arthur Barto Adams; Dean, School of Education, Ellsworth Collings; Dean of Women, Edna McDaniel; Dean of Extension, Paul Leroy Vogt; Registrar, George Wadsack.

UNIVERSITY OF OREGON

EUGENE, OREGON

Coeducational State university.

Established by act of legislature in 1872. Opened September, 1876. Law School, established in Portland in 1884 as a night school; changed to 3-year school and moved to Eugene in 1915. School of Medicine (1887) in Portland. Graduate School (1900); School of Music (1902); School of Education (1910); School of Journalism (1912); School of Architecture (1914); School of Business Administration (1914); School of Sociology (1920); School of Physical Education (1921); Extension Division (1907).

Organization: Board of 10 Regents appointed by Governor for term of 12 years. Governor, Secretary of State, and Superintendent of Public Instruction ex officio members.

Endowment, $55,000. Income from endowment, $2,200. Income from other sources (1926): Millage taxes, $883,120. Land Fund interest, $6,200. Students fees, general, $113,275. Student fees, laboratory, $131,780. Total annual expenditures year ending September 30, 1926, $1,136,600. Budget, 1926, $984,303.

Grounds and buildings: Grounds (89½ acres) valued at $265,500. Cost of buildings, $1,654,500. Total cost of grounds, buildings and equipment, $2,451,800.

Library (1907), 163,000 volumes; 1,700 current periodicals. Special collection: Newspapers, etc., of Oregon and Pacific Northwest.

Laboratories: Deady Hall (1876): Botany, Physics and Zoology. McClure Hall (1900): Chemistry. Condon hall (1925): Geology and Psychology. Research buildings for Zoology (2) and Geology. Total value of laboratory buildings, $860,000. Equipment: Botany, $7,300; Chemistry, $9,700; Geology, $8,000; Physics, $13,500; Psychology, $2,200; Zoology, $11,500.

Museum: Murray Warner collection of Oriental Art. Condon Geological collection.

Health program: Medical examination of all entering students. Health service including 3 full-time physicians (2 men, 1 woman)

with consulting specialists, 4 nurses and technicians. Dispensary. Infirmary (19 beds). Mental hygiene program in charge of member of Health Service, who is also on Psychology staff. Men's gymnasium (1908). Outdoor gymnasium. Women's gymnasium (3). Athletic fields; golf course.

Admission requirements: 15 units, including English 3, Algebra 1, Geometry 1, Science 1, Social Science 1, one Foreign Language 2; additional in any of foregoing subjects, 1. Students who present 15 units for entrance, with 10 units in required subjects, but not distributed according to the University requirements may enter with deficiencies, which must be cleared before junior certificate can be earned. These deficiencies may be made up by work in the University, but cannot be credited toward a degree, except in case of Foreign Language requirement.

Degree requirements: 186 term hours, including 6 term hours of Physical Education; 140 term hours with grades above V (lowest 15–20 per cent). Major subject: 36 term hours, of which 24 must be upper division subjects. Group requirements: One year course of not less than 3 hours a term in each of three of following groups: Languages; Social Sciences; Science, including Mathematics; Arts and Technical training. Prescribed course: One year of written English higher than first year. Two years of one Modern Foreign or Classical Language required for B.A.

General requirements: Six terms of Physical Education required of both men and women. Men required to take six terms of Military Science. Women required to have a year course in personal hygiene.

Departments and Staff: Architecture: *Professors*, 4; *Associate Professors*, 0; *Assistant Professors*, 3; *Instructors*, 6. Botany: 1, 0, 0, 2. Business Administration: 2, 4, 4, 1. Chemistry: 2, 2, 0, 0. Education: 5, 0, 2, 8. Economics: 2, 1, 2, 0. English: 6, 1, 5, 3. Geology: 3, 0, 0, 0. German: 2, 0, 0, 0. Greek: 1, 0, 0, 0. History: 4, 0, 1, 0. Household Arts: 1, 0, 0, 2. Journalism: 2, 2, 0, 1. Latin: 1, 0, 1, 0. Law: 4, 1, 1, 0. Mathematics: 2, 0, 1, 0. Mechanics: 1, 0, 0, 0. Military Science: 1, 0, 3, 0. Music: 9, 0, 1, 4. Philosophy: 2, 0, 0, 1. Physical Education: 7, 1, 6, 5. Physics: 1, 0, 0, 0. Political Science: 1, 0, 0, 1. Psychology: 1, 1, 2, 1. Romance Language: 2, 0, 3, 6. Sociology: 1, 0, 1, 0. Zoology: 2, 0, 1, 1.

Enrolment year ending June 30, 1926: College of Literature, Science and the Arts, 1,484: Men, 827; women, 657. Professional Schools: Architecture and Allied Arts, 230: Men, 86; women, 144. Business Administration, 528: Men, 452; women, 76. Education, 214: Men, 49; women, 165. Journalism, 235: Men, 130; women, 105. Music, 128: Men, 13; women, 115. Physical Education, 103: Men, 33; women, 70. Sociology, 45: Men, 7; women, 38. Total undergraduates in professional schools, 1,483: Men, 770; women, 713. Law, 67: Men, 64; women, 3. Medicine, 220: Men, 205; women, 15. Total in professional schools, 1,770: Men, 1,039; women, 731. Total number of full time students excluding duplicates, 3,221: Men, 1,845; women, 1,376.

Degrees conferred, year ending June 30, 1926, 472. Bachelor degrees, 379: A.B., 254; B.S., 96; B.S. in Architecture, 1; B.S. in Education, 8; B.S. in Journalism, 1; B.B.A., 9; B.Mus., 6; LL.B., 4. Graduate degrees, 93: M.A., 32; M.S., 3; Ph.D., 1; J.D., 8; M.D., 48; M.A. in Public Service (honorary) 1.

Fees: In each case the fee is charged for each of the three terms of the year. Registration fee, $18.75. Major fees (paid by student in special schools), Architecture and Allied Arts, $20; Business Administration, $5; Journalism, $3; Law, $10; Medical School, $60. Non-resident fee (University), $50. Non-resident fee (Medical School), $20. Diploma fee (University), $10. Diploma fee (Medical School), $5. Military deposit, $5. Gymnasium suit fee (payable only once): Men, $8; women, $10. Music fees, $20 to $60. Laboratory fees, 50 cents to $10. In University halls charge for board is $6.25 a week, and $2 a week for room. Estimate of annual expenses, $450 to $800.

Scholarships and fellowships: A limited

number of scholarships and fellowships are offered through Graduate School. The number offered, 1926–27, is as follows: 34 Graduate Assistants ($500–$600). 5 Research Assistants ($500). 5 Graduate Fellows ($750–$1,150).

Research funds: University sets aside a fund of $5,000 for research to be administered by the faculty research committee; in addition to this, $2,500 appropriated for printing scholarly publications. School of Business Administration budgets $2,500 a year for research in its own field.

Employment bureau: Between 60 and 70 per cent of the students earn part of their expenses during the year.

Dates of beginning and ending sessions, 1927–28: Autumn term, September 19, 1927 to December 21, 1927; Winter term, January 3, 1928 to March 17, 1928; Spring term: March 26, 1928 to June 8, 1928.

Summer session: June 18 to July 27, 1928. Eugene session: 21 departments, 105 courses; Portland session: 20 departments, 61 courses. Attendance, 1925, 1,012: Eugene, 388; Portland, 624.

University Extension: Evening classes in Portland, Salem, and Eugene, with registration of approximately 3,000. Extension division organizes surveys, investigations, and conferences.

Publications: Catalog in April, University Press issues "Commonwealth Review," quarterly; "Law Review," quarterly.

Administrative officers: President, Arnold Bennett Hall; Executive Secretary, Karl W. Onthank; Registrar, Carlton E. Spencer; Dean of Men, Dean H. Walker; Dean of Women, Virginia Judy Esterly; Dean, Graduate School, George Rebec; Acting Dean, College of Literature, Science and the Arts, James H. Gilbert; Deans of the Professional Schools: Architecture and Allied Arts, Ellis F. Lawrence; Business Administration, Edwin C. Robbins; Education, Henry D. Sheldon; Journalism, Eric W. Allen; Law, William Green Hale; Medicine, Richard B. Dillehunt; Music, John J. Landsbury; Physical Education, John F. Bovard; Sociology, Frederic G. Young; Dean, Extension Division, Alfred Powers.

THE UNIVERSITY OF PENNSYLVANIA

PHILADELPHIA, PENNSYLVANIA

(Cable address: Sylpenn)

Name for bequests: The Trustees of the University of Pennsylvania.

University. Privately controlled. No denominational basis or control. Women are admitted to all schools of the University except The College (Arts and Sciences), the Wharton School, the Towne Scientific School, the Moore School of Electrical Engineering. In the School of Fine Arts, women are admitted to the courses in Fine Arts and Music.

The University regards 1740 as the date of its foundation. A charitable school founded in that year, was in 1749 taken over by a Board of Trustees organized by Benjamin Franklin, opened in 1751, and was chartered in 1753 as "The Academy and Charitable School in the Province of Pennsylvania." With the second charter, 1755, the name became "The College and Academy of Philadelphia." During the political struggle of the Revolution, the College lost its charter (1779), its rights and properties being conferred on a new institution, "The University of the State of Pennsylvania." This was the first educational institution in America to bear the name "University." In 1789 the charter was restored to The College of Philadelphia, and in 1791 the two institutions were joined under the present corporate title "The Trustees of the University of Pennsylvania." The School of Medicine is the oldest in the United States. The Graduate School of Medicine is said to be first of its kind established.

Board of 24 Trustees. Nominations for membership are commonly, but not invariably, made by the General Alumni Society. The Governor of Pennsylvania is ex officio President of the trustees.

The University and its Divisions: Undergraduate Schools: The College (courses in Arts and Science, Biology, College Courses for Teachers, Summer School); the Towne Scientific School (courses in Chemistry, Chemical Engineering, Civil Engineering,

Mechanical Engineering); the Moore School of Electrical Engineering; the Wharton School of Finance and Commerce; the School of Education; the School of Fine Arts (courses in Architecture, Landscape Architecture, Music, Fine Arts). The Graduate School and the Graduate Course in Business Administration. The Professional Schools: The School of Medicine, the Law School, the School of Dentistry (and Thomas W. Evans Institute), the School of Veterinary Medicine, the Graduate School of Medicine, the School of Hygiene and Public Health. Other Departments of Instruction: The Evening School of Accounts and Finance; the Extension Schools, the Psychological Laboratory and Clinic; the Department of Physical Education; the Department of Military Science and Tactics; the Courses for Oral Hygienists; Public Lectures; Department of Child Helping (William T. Carter Foundation). Auxiliary Divisions: The University Library; the University Museum; the University Hospital; the William Pepper Laboratory of Clinical Medicine. Auxiliary or affiliated Divisions: The Graduate School of Medicine Hospitals (the Medico-Chirurgical Hospital, the Polyclinic Hospital); the Henry Phipps Institute; the Wistar Institute of Anatomy; the Flower Astronomical Observatory; the University Bureau of Appointments; the Press of the University of Pennsylvania; the University of Pennsylvania Fund.

Financial Statement: Endowment: $14,366,074; Regular university departments, $8,114,200; Evans Institute School of Dentistry, $633,519; three hospitals and university museum, $5,618,355. Receipts: $6,620,477: Regular university departments: $4,818,891: Income from productive endowment, $326,299; appropriation from State, $623,892; private benefactions, $272,409; tuition and other fees from students, $2,228,708; receipts from other sources, $1,367,583. Receipts, Evans Institute School of Dentistry, $237,418; Income from endowment, $29,457; tuition and other fees from students, $158,259; receipts from other sources, $49,702. Receipts, three hospitals and museum, $1,564,169; Income from endowment, $177,068; appropriation from State, $93,500; private benefactions, $320,274; receipts from other sources, $964,326. Expenditures: University departments, $4,825,721; Evans Institute School of Dentistry, $185,201; three hospitals and university museum, $1,627,768. Total expenditures, $6,638,690.

Grounds and buildings: 32 dormitories for men (954). Dormitory for women (163). Total value of grounds (110 acres): $4,736,150. Present worth of buildings, $13,003,088. Value of grounds, buildings, and equipment, $23,757,358.

Library (1891): 615,325 volumes; 2,547 current periodicals. Special collections: Lea Library of Medieval and Church History; Curtis Collection of Franklin Imprints; Italian Classics; American, French, and Spanish Drama; Greek and Latin Classics; British Public Documents; Franklin Papers; Tower Collection of Russian Literature; Penniman Memorial Library of Education.

Laboratories: Moore School Building (Electrical Laboratory) (1926); Engineering Building (Civil, Mechanical, and Chemical Engineering) (1906); Morgan Laboratory of Physics (1899); Laboratory of Hygiene and Bacteriology (1893); Laboratory of Psychology in College Hall; Hare Laboratory (Chemistry and Anatomy) (1878); Pepper Laboratory of Clinical Medicine (1895); Wistar Institute of Anatomy (1892); Medical Laboratories Building (1904); Macfarlane Hall Botany Laboratory (1884); Zoological Laboratory (1910); Vivarium (1898); Evans Institute, Dental Laboratories (1914); Veterinary Laboratories (1907).

The University Museum: American Section: Customs, arts, and industries of the great historic tribes, as well as those pertaining to the ancient peoples of the two continents, from the Museum's expeditions to South America, the United States, and Alaska. Brinton Library of Americana contains the Berendt MSS., and other collections of aboriginal literature, and standard works on American Archæology and Eth-

nology. Egyptian Section: Collections obtained through Professor Flinders Petrie and also through expeditions sent by the Museum. This Section is now being actively developed through the Eckley B. Coxe, Jr. Expedition, which is excavating at Memphis and at Thebes. Babylonian Section: Tablets and other antiquities from ancient Babylonia and Assyria. The Joint Expedition of the British Museum and the University Museum now engaged in the excavation of Ur of the Chaldees, is constantly adding new material. Mediterranean Section: Ancient Crete, Greek vases, Etruscan pottery and bronzes, Roman glass and mosaics, and Greek and Roman marbles. Section of General Ethnology: Primitive peoples of Asia, Africa, and all the groups of the Pacific. Section of Far Eastern Art: Sculptures, pottery and bronzes, from the earlier periods in China, as well as a collection of Chinese paintings and porcelains. Section of Arabic Art: Mosaic fountains, pottery, tiles, textiles, illuminated manuscripts, bronzes, mosaic wall coverings and woodwork, and the faiences of Fostat. Library of the Museum: 10,000 volumes. General collection of coins, including the Robert C. H. Brock and John Thompson Morris collections. The Museum at present maintains six expeditions in different parts of the world, conducting investigations in Archæology.

The Wistar and Horner Medical Museum, founded in 1808, was taken over in 1892 by the Wistar Institute of Anatomy and Biology.

The Wistar Institute was established by General Isaac J. Wistar, of Philadelphia, in 1892. A modern fireproof building was erected in 1893, and an addition in 1897, costing in all about $170,000. An endowment yielding an annual income of about $40,000 was established. The buildings and endowments were gifts of General Wistar, and by his will the Institute becomes the residuary legatee to his estate. By special arrangement with the Director of the Institute, graduate students of the University of Pennsylvania may enjoy the advantages of the Institute's research laboratories and take research work in Neurology, Embryology, and Genetics, as part of the required work for the doctor's degree.

The Flower astronomical observatory: Equatorial telescope of 18 inches aperture and other equipment.

Health program: Students are examined medically on entrance. Vaccination required. They are given a 4-year progressive course in Physical Education and supervised in their athletic competition. Gymnasium (1904). Franklin Field. A new gymnasium, with indoor arena and swimming-pool, in process of erection. There is also another area of playing fields in addition to the stadium; four of them are now in use and three others will be ready in the next year or two. The present value of the fields and stadium, which seats 85,000, is in the neighborhood of $5,000,000. Medical officer. Students' ward of University Hospital. Personnel officer, whose duty it is to interview and advise those students whose mental condition seems to unfit them for the course which they have entered.

Admission requirements: For admission to College (Arts and Science), Wharton School (Finance and Commerce), Towne Scientific School, Moore School of Electrical Engineering, School of Fine Arts, School of Education: 15 units, including English 3, History 1, Foreign Language 2–4 (varying with the different undergraduate schools), and Mathematics 1–3½ units (varying with the different undergraduate schools). Admission on certificate limited to graduates of approved schools ranking high in graduating class. Some examinations required of all other candidates. Students in Towne Scientific School and Moore School of Electrical Engineering must take 2 years of preliminary college work, followed by technical work in Engineering or Chemistry, beginning with the Junior year. School of Medicine requires 3 years of college work for admission. The Law School requires a bachelor's degree for admission. The School of Dentistry requires 2 years of college work. The Graduate School requires a bachelor's degree from a recognized college. The Graduate School of Medicine requires a recognized degree from a Medical School.

The School of Veterinary Medicine requires graduation from a senior high school or its equivalent.

Degree requirements: For bachelor's degree in Arts, Science (Premedical), Biology: 134 semester hours. Bachelor's degree in Architecture, Landscape Architecture: 208 to 240 semester hours; in Fine Arts, Music, 144; in Economics, 148; in Education, 134 to 144; in Chemistry, 179 to 195; in Chemical Engineering, 207 to 215; in Civil Engineering, 178 to 186; in Mechanical Engineering, 183 to 191; in Electrical Engineering, 214 to 274. Graduate School: M.A., 24 semester hours; M.S., 24 semester hours; Ph.D., 3 year's work, with minimum of 48 semester hours, and thesis; Master of Business Administration, 52 semester hours and thesis. Law School: Bachelor's degree required for admission. Course of 3 years, 82 semester hours, leads to degree LL.B. Degree of Master of Laws also conferred after 3 years of Graduate work. Technical degrees in Engineering: Conferred after 7 years, professional practice, with charge of important work, etc. Master of Architecture: 48 semester hours, in addition to 208 undergraduate semester hours.

School of Medicine: 4 years, 32 weeks each, not under 35 hours a week, leading to M.D. degree.

School of Dentistry: 4-year course, 40 to 46 hours a week, leading to D.D.S. degree.

School of Veterinary Medicine: 4-year course, 40 to 41 credit hours a year (credit hour: 1 hour lecture or recitation, or 2 to 3 hours laboratory), leads to degree of V.M.D.

School of Hygiene: 30 to 33 hours a week (nearly all laboratory) leading to degree Doctor of Public Hygiene.

Departments and staff: College: *Professors*, 66; *Associate Professors*, 0; *Assistant Professors*, 52; *Associates*, 0; *Instructors*, 99. Towne Scientific School: 16, 0, 8, 0, 31. Moore School: 2, 0, 4, 0, 5. Wharton School: 25, 1, 40, 0, 98. School of Education: 6, 0, 5, 0, 0. School of Fine Arts: 11, 0, 8, 0, 12. Graduate School: 110, 1, 56, 0, 9. School of Medicine: See page 128. Law School: 7, 0, 0, 0, 0, (15 Lecturers). School of Dentistry: 13, 0, 11, 0, 52. School of Veterinary Medicine: 11, 0, 4, 0, 9. Graduate School of Medicine: 73, 47, 42, 43, 95. School of Hygiene: 8, 0, 3, 0, 0. Evening School: 15, 1, 20, 0, 39. Extension School: 42, 1, 38, 0, 44. Physical Education: 1, 0, 2, 0, 12. Military Science: 1, 0, 4, 0, 2. Summer School: 7, 0, 0, 0, 7. See also Chapters V–VI.

Enrolment for year 1925–26 (less duplicates): 16,227: Men, 12,112; women, 5,215. College of Arts and Sciences: Men, 1,791; women, 1,028. Summer School, 1925: Men, 1,161; women, 1,069. Towne Scientific School: Men, 166. Moore School: Men, 93. Wharton School: Men, 2,723. Evening School of Accounts and Finance: Men, 2,176; women, 197. Extension Schools: Men, 998; women, 1,003. School of Education: Men, 272; women, 1,233. School of Fine Arts: Men, 375; women, 64. Graduate School: Men, 861; women, 531. Law School: Men, 331; women, 10. School of Medicine: Men, 455; women, 17. Graduate School of Medicine: Men, 125; women, 5. School of Dentistry: Men, 526; women, 57. School of Veterinary Medicine: Men, 58. School of Hygiene and Public Health: Men, 1; women, 1.

Degrees conferred year ending June 30, 1926: Honorary Degrees: M.L., 2; M.A., 1; S.T.D., 1; D.F.A., 1; D.Mus., 1; D.Sc., 9; LL.D., 4. Degrees in Course: B A. (in Arts and Sciences), 164; B.A. (in College courses for teachers), 21; B.S., 2; B.S. (Premedical), 14; B.S. in Biology, 17; Chem. Eng., 2; C.E., 15; M.E., 3; B.S., in Chem., 3; B.S. in Chem. E., 12; B.S. in C.E., 20; B.S. in M.E., 24; B.S. in E.E., 17; B.S. in Econ., 500; M.Arch., 6; B.Arch., 30; B.F.A., 2; B.Mus., 4; B.S. in Ed., 195; B.F.A. in Ed., 3; Ph.D., 37; M.A., 199; M.S., 10; M.B.A., 18; M.D., 133; M.M.Sc., 15; D.M.Sc., 1; LL.B., 61; D.D.S., 105; D.V.M., 10; D.P.Hy., 1. Certificates, 366. Commissions, 100.

Fees: Tuition fee, $400 a year, with the following exceptions: Architecture (5-year course), $370; Landscape Architecture (5-year course), $370; Music: Course I, $300; Course II, $230; Special Course, $50; School of Veterinary Medicine, $225; School of Hygiene, single course, $50; Graduate School, $250; Graduate Course in Business

Administration, $250. The tuition fee includes, for men: Instruction, dissection material, gymnasium material, use of Houston Hall, and general University privileges; for women: Instruction, dissection material, membership in the Bennett Club, and general University privileges. For women students in the Undergraduate Schools, the fee covers in addition instruction in gymnastics, medical examination and advice, tutored athletic facilities, and admission to games under the auspices of, and according to regulations of, the Women's Athletic Association.

Scholarships and fellowships: There are 79 graduate fellowships and scholarships, including several traveling fellowships. The stipends vary from $2,000 a year to $200, plus free tuition, or free tuition only.

Employment offices for both men and women students, reorganized under the new "Placement Service."

Dates for beginning and ending sessions: September 30, 1927; Commencement, June 20, 1928.

Summer session, 1928: July 2 to Aug st 11. 31 departments offered 242 courses n 1926. Attendance, 1926, 2,510.

University extension: 1. College Courses for Teachers: Classes late afternoon and evenings at the University. Credits counting toward the degree of Bachelor of Arts. Open to men and women. Registration, 1925–26, 1,184. 2. Evening School of Accounts and Finance: Open to both sexes. Credits counting toward certificates. Registration, 1925–26, 2,373. 3. Extension Courses: Extension work is given in 14 centers outside of Philadelphia. Open to both sexes. Registration, 1925–26, 2,001. 4. Veterinary Extension Courses. 5. The Graduate School of Medicine conducts extension work in three types in the State of Pennsylvania: A. Meetings in Philadelphia for the benefit of student physicians and all physicians located temporarily or permanently in the metropolitan district. B. The School assembles in Philadelphia physicians widely scattered over the State for periods of study of matters which might be termed "Public Medicine." At the present time this effort is in the field of clinicopathologic neuropsychiatry, for the benefit of the medical staffs of the State's psychopathic institutions. C. The School, in cooperation with the State Medical Society and the local county medical societies, conducts teaching in local extension centers, usually upon the basis of one afternoon and evening weekly during the extension teaching session. The teaching is for the benefit of general practitioners.

Publications: University Catalog annually in January. President's Report published annually. Serial Publications: Series in Astronomy; Series in History; Contributions from the Botanical Laboratory; Contributions from the Zoological Laboratory; Extension Bulletins of the School of Veterinary Medicine. Publications of the Phipps and Wistar Institutes. Theses presented for the Degree of Doctor of Philosophy. Affiliated Publications: Annals of the American Academy of Political and Social Science; Translations and Reprints from the Original Sources of European History (occasional); Museum Journal (monthly); Proceedings of the University Museum (occasional); Contributions from the William Pepper Laboratory of Clinical Medicine (annually); Contributions from the Laboratory of Neuropathology (annually); Psychological Clinic (periodically); Publications of the Wistar Institute of Anatomy, viz., "Journal of Morphology," "The Journal of Comparative Neurology," "The American Journal of Anatomy," "The Anatomical Record," and "The Journal of Experimental Zoology."

Achievements of year ending June 30, 1926: An increase of $2,500,000 in the "University Fund" for endowment, etc., begun in 1925. On June 30, 1926, the Fund stood at $7,505,000. Psychological Examination required of all candidates for admission to the Undergraduate Schools. Increase in admission requirements for the School of Dentistry, which now requires 2 years of preliminary college work. The requirement that students in Engineering and Chemistry shall take 2 years in the College, followed by 2 years in technical subjects, leading to the degrees of B.S. in M.E., in E.E., in Chemistry or in Chemical Engineering. Change in organization of courses in Archi-

tecture, (1) limiting numbers admitted, (2) students required to take 2 years in College, followed by 3 years in Architecture. Institution of Graduate work in Veterinary Medicine. The requirement that all Freshmen in the Wharton School of Finance and Commerce shall take a course in "Physical Factors of Civilization" (5 hours a week throughout the year). Personnel officer appointed for the College. General increase in tuition fees. Buildings: Graduate Hospital begun; Irvine Auditorium begun; Gymnasium and Indoor Stadium begun; Double-decking of Franklin Field Stadium completed; Logan Hall (Wharton School building) enlarged; two new dormitories completed; building purchased for Moore School of Electrical Engineering; Egyptian Wing of University Museum completed; Bennett Hall completed (building for Graduate School and School of Education.

Administrative officers: President and Provost, Josiah H. Penniman; Vice-Provost, George W. McClelland; Director of Admissions, George W. McClelland; Secretary, Edward W. Mumford; Recorder, George E. Nitzsche; Directress of Women, H. Jean Crawford; Dean of the Faculty of the College, Robert Belle Burke; Dean of the Faculty of the Towne Scientific School, John Frazer; Dean of the Faculty of the Moore School of Electrical Engineering, Harold Pender; Dean of the Faculty of the Wharton School, Emory R. Johnson; Registrar and Director of Student Personnel, Thomas A. Budd; Dean of the Faculty of the School of Education, John H. Minnick; Dean of the Faculty of the School of Fine Arts, Warren Powers Laird; Dean of the Faculty of the Graduate School, Herman V. Ames; Dean of the Faculty of the School of Medicine, William Pepper; Dean of the Faculty of the Law School, William E. Mikell; Assistant to Dean of Law School, Layton B. Register; Dean of the Faculty of the School of Dentistry, Charles R. Turner; Secretary of the Thomas W. Evans Dental Institute, James N. Richardson; Dean of the Faculty of the School of Veterinary Medicine, Louis A. Klein; Dean of the Faculty of the Graduate School of Medicine, George H. Meeker; Director of the School of Hygiene and Public Health, Alexander C. Abbott; Officer in charge of Foreign Students, the Bursar of the University. (The Christian Association conducts the International Students' House, which is a Club House for Foreign Students. In 1925–26 there were 209 foreign students in the University.)

UNIVERSITY OF PITTSBURGH

PITTSBURGH, PENNSYLVANIA

University for men and women. Nonsectarian.

Chartered February 28, 1787, as Pittsburgh Academy. Reincorporated 1819 as Western University of Pennsylvania. In 1908 name changed to the University of Pittsburgh.

Board of 30 trustees. Twelve schools.

Endowment, $1,358,550.25. Income from endowment, $62,383.85. Income from other sources, $2,621,523.97. Total expenditures for year ending June 30, 1926, $2,654,-455.27.

Grounds and buildings: 81 acres. Present value of buildings, $8,500,000.

General Library, 45,000 volumes. Departmental libraries, 25,000 volumes. Special Collections: Peter Alldred Memorial Library (History, Art, and Literature); William M. and Mary C. Darlington Memorial Library (Pennsylvania, bound newspapers, Dickens, Thackeray, and rare miscellanies); Howard Woodhead Collection (Economics and Sociology); Francis Clifford Phillips Library (Chemistry).

Value of laboratory equipment, $850,000.

Allegheny Observatory: Thaw Refractor, a photographic refractor of 30 inches aperture. Principal field of research: Determination of distance of stars by photographic methods.

Health program: Physical and medical examination of Freshmen at entrance. Physical Education required of all Freshmen. Requirements for graduation include swimming test. Trees Gymnasium. Stadium (70,000). Woman physician supervises health of women.

Admission requirements: Admission to

college: Certificate or examination: 15 units. School of Medicine: 2 years of college work. Law School: Bachelor's degree.

Degree requirements: 4-year course in College: 120 credits. 4-year course in School of Engineering, specializing in Civil, Mechanical, Electrical, Industrial, and Chemical Engineering. 4-year course in School of Mines, offering courses in General Mining, Coal Mining, Metallurgy, Oil and Gas Production, and Petroleum Refining. School of Business Administration: 4-year course. School of Education: 4-year course. Graduate School: Advanced courses. School of Medicine: 4 years, with 2 years of college work required for entrance, and 1 year internship after graduation. School of Law: 3-year course; college course required for entrance; School of Pharmacy; 3-year course. School of Dentistry: 5-year course, major portion of first 2 years is done in the College.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bibliography: 0, 0, 0, 1. Botany, 1, 0, 2, 4. Chemistry: 4, 0, 1, 23. Economics: 2, 0, 0, 5. English: 2, 2, 9, 18. Geology: 4, 0, 0, 0. Greek: 1, 0, 0, 0. History: 2, 1, 3, 3. History of Religion: 1, 0, 0, 0. Latin: 1, 0, 0, 5. Mathematics: 2, 0, 1, 4. Modern Languages: 2, 1, 5, 4. Philosophy: 3, 0, 0, 0. Physics: 3, 1, 5, 9. Political Science: 2, 0, 1, 2. Psychology: 4, 0, 3, 1. Zoology: 4, 2 0, 11. School of Engineering and School of Mines: 14, 2, 9, 5. School of Business Administration: 20, 3, 12, 27. School of Education: 9, 0, 13, 0.

Enrolment for year ending June 30, 1926: 10,131: Men, 6,715; women, 3,416; College, 2,297; Engineering, 406; Mines, 87; Business Administration: Day division, 664; Evening: 1,968; Life Insurance, 26; Education, 1925; Graduate, 857; Medicine, 228; Law, 214; Pharmacy, 395; Dentistry, 885; Retail Training, 14; Johnstown Division (Summer Session), 165.

Degrees conferred year ending June 30, 1926, 1,183: B.A., 103; B.S., 90; B.S. in Education, 136; B.S. in Chemistry, 5; B.S. in Engineering, 58; B.S. in Mines, 18; B.S. in Business Administration, 117; B.S. in Education, 52; B.S. in Vocational Education, 7; Engineer of Mines, 2; B.M., 1; M.A., 52; M.S., 19; Ph.D., 6; M.D., 47; LL.B., 48; Ph.C., 2; Ph.G., 177; D.D.S., 196.

Fees: Tuition in the College, Schools of Engineering and Mines, Business Administration, Education, Law, and Graduate School, $300 a year; School of Medicine, $375; Dentistry, $325; School of Pharmacy, $225. Graduation fee, $10, including diploma.

Scholarships and Fellowships: 3 Fellowships; 24 scholarship funds.

Mellon Institute of Industrial Research, a centre of Industrial Chemistry, established by Andrew and Richard Mellon as memorial of their father, Judge Thomas Mellon.

Employment bureau: 352 men and 293 women reported last year as earning their way in whole or in part. Total earnings: $172,918.

Dates of beginning and ending sessions: First semester 1927–28: September 26 to February 4, 1928. Second semester: February 13 to June 9, 1928.

Summer session: Six weeks, in College, Education, and Business Administration. Eight weeks in School of Engineering. Attendance, 1925: 2,125.

University extension: The Division provides speakers, conducts surveys, directs scholastic, oratorical, and athletic contests, manages a teacher appointment bureau, and acts as a general clearing-house for community problems. 2,156 students.

Publications: Official bulletin. Catalog in autumn. Chancellor's Report every two years.

Achievements of year ending June 30, 1926: Completion of $2,000,000 Stadium. Plans for a tall building, to be known as the Cathedral of Learning and to house all schools of the University except Medicine and Dentistry, completed. Subscriptions amounting to more than $5,000,000 received toward the building.

Administrative officers: Chancellor, John G. Bowman, LL.D.; Secretary of the University, Samuel Black Linhart, D.D.; Exec-

utive Secretary, James Steele Gow; Registrar, John Gilbert Quick; Dean of Men, W. Don Harrison; Dean of Women, Thyrsa W. Amos.

UNIVERSITY OF REDLANDS

REDLANDS, CALIFORNIA

College; coeducational; privately controlled by Board of Trustees, under Baptist auspices. College of Liberal Arts; College of Fine Arts; School of Education.

Incorporated in 1907. Opened, September 29, 1909.

Board of 30 trustees elected for a 3-year period.

Endowment, $1,580,820.43. Income from endowment, $83,741.72. Income from student fees, $92,259.17. Income from dormitories (board and room): $55,754.52. Property income, $8,303.72. Gifts (unrestricted) $22,255.84. Gifts (restricted): $176,916.34.

Grounds and buildings: Campus of 100 acres, valued at $123,135.70. Total value of 11 buildings: $793,193.57. Three dormitories for women (50, 52, 76); two dormitories for men (56, 54). Total value of plant and equipment: $1,047,877.56.

Library (1925): 18,366 volumes; 3,751 pamphlets. University library is a depository for A. K. Smiley Library belonging to City of Redlands. Books may be transferred from shelves of Smiley Library to shelves of the University Library and drawn from these shelves by students.

Laboratories: Hall of Science (1920): Chemistry, Physics, Botany, Zoology and Geology; value, $163,126.03. Equipment: Botany, Zoology, and Geology, $18,439.66; Chemistry, $9,137.10; Physics, $15,402.27; Astronomy, $1,238.19.

Observatory: 5-inch refractor.

Health program: Medical examination of entering students. Freshmen required to take course in Hygiene. Four semester hours in Physical Education required for graduation. Gymnasium. Athletic Field. Infirmary; resident nurse.

Admission requirements: 15 units, including English 2, History 1, Laboratory Science 1, Algebra 1, Plane Geometry 1. Two units in Foreign Languages strongly recommended. If student does not present these two, he must do additional work in Foreign Languages for graduation from college. If a student is admitted on condition, the deficiency must be made up by completing 3 additional hours for graduation for each unit of deficiency. If the condition is due to grades, the same must be removed either by examination or by doing a high grade of work in college.

Degree requirements: 124 semester hours and 124 credit points, a Major of from 20 to 24 hours of upper division work; a Minor of 9 hours of upper division work. Prescribed courses in English, Mathematics, Physics, Chemistry, Science, History, Political Science and Economics, Foreign Languages, Psychology, and Bible.

General requirements: Physical Education (4 semester hours) required for graduation. Chapel attendance required 4 times a week. All women students, unless living at home or with immediate relatives, required to live in dormitories.

Departments and staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0. Bible: 1, 0, 0. Botany: 1, 1, 0. Chemistry: 2, 0, 0. Economics: 1, 1, 0. Education: 1, 2, 0. Engineering: 1, 0, 0. English: 2, 1, 1, and *Instructor*, 1. French: 1, 0, 1. Geology: 1, 0, 0. German: 1, 0, 0. Greek: 1, 0, 0. History: 2, 0, 0. Hygiene: 0, 2, 0. Latin: 1, 0, 0. Mathematics: 1, 0, 1. Philosophy: 1, 0, 0. Physical Education: 1, 2, 0. Physics: 2, 0, 0. Political Science: 1, 0, 0. Spanish: 1, 1, 0. Zoology: 1, 1, 0.

Enrolment: 567: Men, 251; women, 316. Total number of matriculates since the founding: Approximately 2,000.

Degrees conferred year ending June, 1926: 87 bachelor's degrees. Total number of degrees conferred: 429, of which 8 were honorary D.D., and 1 honorary LL.D.

Fees: Matriculation fee, $5; Graduation fee, $5; Laboratory fees, $2 to $10 a semester; Registration fee, $5 a semester; Tuition, $75 a semester; Board, $24 to $25 a month.

Forty-three endowed scholarships.

Employment bureau: Approximately 50 per cent of students earned part of expenses.

Dates of beginning and ending sessions: September 19, 1927; June 19, 1928.

Catalog in June.

Achievement of year ending June 15, 1926: Library constructed.

Administrative officers: President, Victor Leroy Duke; Dean of Women, Mrs. Mary Newton Keith; Recorder, Miss Marian Naomi Hudson.

UNIVERSITY OF RICHMOND

RICHMOND, VIRGINIA

University composed of Richmond College (liberal arts and sciences for men); Westhampton College (liberal arts and sciences for women); T. C. Williams School of Law, and the Summer School. Law School and Summer School, coeducational. Colleges for men and women have separate institutional life and are not coeducational. Maintains Baptist denominational relationship, but with other denominations represented on Board of Trustees and Faculties.

Founded 1832 as Virginia Baptist Seminary. Chartered 1840 as Richmond College. Closed during War between States, 1860–65. Reorganized, 1866. Law School founded, 1870. Westhampton College founded, 1914. Opened at present site, 1914. Chartered as University of Richmond, 1921.

Trustees may not be more than 40 nor less than 24. Elected for terms of 8 years, 5 going out of office each June, but eligible to re-election.

Endowment, April 30, 1926: $2,156,828. Income from endowment, $124,805. Income from student fees, $172,980. Income from board, $69,000. Total annual expenditures, $359,364. Budget for 1926–27, $380,000. Gifts for the year, $96,765.

Grounds and buildings: One residence hall for women (185); two for men (220). Total value of grounds (293 acres): $273,284. Value of buildings: $2,125,000.

Library (1913): 36,000 volumes. Each college maintains supplemental library with about 6,000 volumes additional. Opportunities for research in Virginia History enjoyed by University students at Virginia State Library and Library of Virginia Historical Society.

Laboratories destroyed by fire in 1926. Chemistry laboratory (1927) cost with equipment, approximately $175,000. Laboratory group, including Chemistry, Physics, and Biology, planned to cost $500,000. During past fiscal year expenditures for Chemistry equipment approximately $20,000; Physics, $6,000; Biology, $5,000.

Health program: In Westhampton College fully equipped department of Physiology and Hygiene, with professor of Physiology, University physician, trained nurse, and athletic director in charge of health examinations twice a year. Athletic fields. In Richmond College, one health examination given. University physician and athletic director in charge, with two assistant nurses. Gymnasium (1921) cost $155,000. Athletic field and concrete stadium (1914). Present worth of athletic buildings and equipment: $225,000. Separate infirmary rooms at both colleges.

Admission requirements: 15 units required but from public high schools graduation also required. Students must present 7 specified units in English, Mathematics, and Foreign Languages. No conditions allowed.

Degree requirements: 120 semester hours of literary and scientific studies, plus 4 hours athletic credit. Students on entering senior year must have previously obtained 10 term grades of "B" or higher. Degree requirements arranged in terms of Majors and Minors. Courses prescribed according to selection of Majors and Minors.

General requirements: Freshmen and Sophomores in Richmond College must take physical culture courses. In Westhampton College physical culture required in all 4 years. In Westhampton College 2 years, and in Richmond College one year, form minimum residence requirements.

Departments and Staff: *Richmond College:* Biblical History and Literature: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Biology: 2, 0, 0, 0. Business Administration: 2, 2, 0, 1. Chemistry: 1, 1, 0, 0. Drawing and Surveying: 0, 1, 0, 0. Economics: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 2, 0, 2, 0. German: 1, 1, 0, 0. Greek: 1, 0, 0, 0. History and Political

Science: 1, 1, 0, 0. Latin: 0, 1, 0, 0. Mathematics: 1, 1, 0, 0. Physical Training: 1, 0, 0, 1. Physics: 1, 1, 0, 0. Psychology: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Romance Languages: 1, 0, 2, 0. Sociology and Social Ethics: 1, 0, 0, 0. *Westhampton College:* Biblical History and Literature: 0, 1, 0, 0. Biology: 2, 0, 0, 0. Chemistry: 1, 1, 0, 0. Economics: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 2, 1, 0, 0. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 1, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 1, 1, 0, 0. Music: 0, 2, 0, 0. Physics: 1, 1, 0, 0. Physiology, Hygiene and Physical Education: 0, 2, 0, 0. Psychology: 1, 0, 0, 0. Romance Languages: 0, 2, 0, 0. Sociology and Social Ethics: 1, 0, 0, 0. Note: 11 *Professors* and 3 *Associate Professors* teach in both colleges. T. C. Williams School of Law: *Professors*, 3; *Associate Professors*, 7.

Enrolment: Richmond College: Men, 492; Westhampton College: Women, 333; T. C. Williams School of Law (Morning division, 3-year course; Evening division, 4-year course), 153; Summer School (1925), 204.

Degrees conferred year ending June, 1926, 148. Total number degrees conferred since foundation, 2,348.

Fees: Estimate is on the college year basis, September to June. Matriculation, $35; tuition, $125; laboratory fees, $7.50 to $15; graduation, $10; lodging, $50 to $150. Board, Westhampton College, $22.50 a month; Richmond College, cafeteria system, averaging approximately $22.50 a month. Total annual expenses of student: Low: $650; liberal, $900.

310 scholarships covering tuition. 2 fellowships of $250 each.

Faculty committee on employment and appointments. Approximately 50 per cent of students earn their way in whole or in part.

Dates of beginning and ending sessions: September 15, 1927; June 6, 1928.

Summer session: June 14 to July 24. Ten departments offered 35 courses. Attendance, 1925, 204.

Publications: Catalog in February and March. President's Report in June.

Achievements of year ending June 30, 1926: Campaign for $2,000,000 inaugurated; $1,000,000 to be used for endowment, and $1,000,000 for new laboratories, new Westhampton College classroom and dormitory units and student social center buildings at both colleges. Gift of $100,000 toward science laboratories.

Administrative officers: President, F. W. Boatwright; Vice-President and Secretary-Treasurer, B. West Tabb; Dean and Registrar, Richmond College, W. L. Prince; Dean, Westhampton College, May L. Keller; Secretary, Law School, James H. Barnett, Jr.

THE UNIVERSITY OF ROCHESTER

ROCHESTER, NEW YORK

Privately controlled University, with a College of Arts and Science, composed of a College for Men and a College for Women, a School of Music, a School of Medicine and Dentistry, and a School of Nursing. Baptist in origin; nonsectarian.

Organized in 1850, under a provisional charter from Regents of the University of the State of New York, as a result of endorsement by citizens of Rochester of the proposal of Baptists to establish a university. Instruction began in autumn of 1850. Charter extended on February 15, 1851, and made absolute January 10, 1861. Powers subsequently enlarged by amendment of charter December 12, 1918. Women first admitted in 1900. System of coordinate instruction for men and women inaugurated in 1912.

Self-perpetuating Board of 24 Trustees, of whom not less than one-half are alumni of the university.

Financial resources: Endowment, $23,200,000. Income from endowment, 1925–26, $1,220,000. Total income from other sources, $800,000. Total expenditures for year ending June 30, 1926, $2,250,000.

In the autumn of 1924 a campaign for $10,000,000 was carried on to secure funds to enlarge and remove the college for men to a new site and to rededicate the present campus of more than 25 acres as the college for women. All but $1,500,000 was pledged by alumni, alumnæ, and citizens of Rochester, and the General Education Board. Toward the remainder, $750,000 as a sup-

plementary pledge was received from General Education Board. During 1925–26, $152,000 was received by bequest from George N. Crosby, of Rochester; $400,000 by gift from Mrs. Sarah McGuire, also of Rochester.

Grounds and buildings: College of Arts and Science at present occupies tract of more than 25 acres. 16 buildings on this property. College for Men will shortly be removed to site of 87 acres adjacent to tract of 60 acres already occupied by the School of Medicine and Dentistry, Strong Memorial Hospital, Nurses' Dormitory, and the Municipal Hospital which adjoins the Strong Memorial Hospital. The School of Music and the Eastman Theatre occupying more than half a down-town block; cost more than $6,000,000. Ten-story addition now being erected. Kendrick Hall dormitory for 24 men; Eastman Dormitories (210 women). Total value of buildings and grounds, $13,040,000.

Library: Sibley Hall (1874), 106,000 volumes; two additional branches, 17,000 and 20,000 volumes respectively; 762 current periodicals. Medical library has in addition 3,000 monographs.

Laboratories: College of Arts and Science: Reynolds Memorial Laboratory (1886), Chemistry. Eastman Laboratory (1906), Biology and Physics. Carnegie Laboratory (1911) for Mechanical Engineering.

Museums: Geological and Henry F. Ward Collection in Sibley Hall. Botanical and Zoological Museums in Eastman Building.

Observatory (1876).

Health program: Gymnasiums. Athletic field. Free clinical service at Strong Memorial Hospital of the University. Vaccination required. Physical training and personal hygiene required in Freshman and Sophomore years.

Admission requirements: At least 15 years of age; testimonial of good moral character; 15 units. Admission by College Entrance Board examination, college entrance diploma of Regents of State of New York, or certificate from certain approved academies, high schools and normal schools. Conditions must be removed by junior year or earlier if examiners so specify. Freshman class limited to 125 men and 100 women.

Degree requirements: 124 hours of credit and 124 points of credit required for A.B., with at least 24 hours in languages, 18 of which must be in Foreign Languages; at least 18 hours in Social Sciences; and 18 hours in Natural Sciences. Variation is permitted in courses leading to B.S. or M.E. Twelve hours in Junior and Senior years in non-elementary courses in subject of concentration, with an additional 6 hours in same subject or another department of same group, are required for concentration. Freshman Rhetoric and Physical Education in first 2 years required. Some honors courses. Technical courses largely prescribed.

General requirements: Attendance at weekly assembly required. Attendance during preliminary week required of Freshmen.

Departments and Staff: Archæology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 0, 0, 1, 0. Bibliography: 0, 0, 0, 1. Biology: 2, 0, 1, 1. Chemistry: 1, 0, 3, 3. Economics: 1, 0, 1, 2. English: 2, 0, 1, 4. Geology: 1, 0, 1, 4. German: 2, 0, 0, 2. Greek: 2, 0, 0, 0. History of Art: 1, 0, 0, 0. History and Government: 1, 0, 1, 3. Latin: 2, 0, 0, 1. Law of Contracts: 0, 0, 0, 1. Mathematics: 2, 0, 0, 3. Mechanical Engineering: 2, 0, 2, 2. Philosophy: 1, 0, 0, 1. Hygiene and Physical Education: 1, 0, 1, 5. Physics: 1, 0, 2, 0. Psychology and Education: 1, 0, 2, 3. Religion: 1, 0, 0, 0. Romance Languages: 2, 0, 1, 3. Vital Economics: 4, 0, 0, 0.

Enrolment: Arts College, 871: Men, 476; women, 395. Extension, 945. Total regular university enrolment, 1,311. Total university enrolment, including extension and summer school students, 4,628.

Degrees conferred June 21, 1926: 225: Honorary, 3; M.A., 4; M.S., 2; A.B., men, 75, women, 65; B.S., 33; B.Mus., 23; Certificate of Music, 23. More than 7,900 students have matriculated in the university through June, 1926. Total number of degrees conferred since foundation, 4,401.

Fees: Annual charge for College of Arts and Science, $200. Graduation fee, $10. Student tax, $20. Registration fee, $5. Charge for additional courses, $10 a course.

Laboratory fees vary from $1 to $18. Dormitory fee, $110 to $135 for college year.

Scholarship aid to the amount of $20,000; deferred tuition of $4,000; loans of $2,500; and prizes to the amount of $450 assigned during 1925–26.

Research in departments of Chemistry, Geology, Mathematics, History, Vital Economics.

Dates of beginning and ending sessions: Commencement on the third Monday in June. College opens for autumn semester 13 weeks later. For the year 1926–27: Date of opening, September 20 for Freshmen; September 27 for regular classes. Closes, May 28. Final examinations, June 3 to 14.

Summer session: Begins first Thursday after Commencement and continues for 5 weeks. 16 departments of instruction; 67 courses offered. Attendance, 1925, 595.

University extension: 18 departments of instruction; 68 courses. Registration, 1925–26, 945 students.

Publications: College Bulletin, including Catalog, Extension and Summer School Bulletins; Annual Report of President and Treasurer; Rochester Alumni Review.

Achievements of the year ending June 30, 1926: Pledge of $750,000 toward $10,000,000 campaign of 1924, gift to be used for endowment of research and advanced instruction in Physical and Biological sciences. Completion of Strong Memorial Hospital of 230 beds and Nurses' dormitory. Reception of first class of 22 students in the School of Medicine and Dentistry. Completion of two units of Eastman Dormitories for women, providing accommodations for 123 students.

Administrative officers: President, Rush Rhees; Dean of College for Men, Charles Hoeing; Dean of College for Women, Annette G. Munro; Freshmen Dean of College for Men, Arthur S. Gale; Director of Eastman School of Music, Howard Hanson; Dean of the School of Medicine and Dentistry, George Hoyt Whipple; Recorder, Olive M. Schrader.

EASTMAN SCHOOL OF MUSIC

Prior to 1918 University undertook no work in musical education, but that year, through the generosity of George Eastman, of Rochester, the property and corporate rights of the Institute of Musical Art of this city were acquired. Subsequent promises of financial assistance for a series of years by Mr. Eastman and other friends of music in Rochester, and later the gift by Mr. Eastman of a site for a new building and funds for its erection and endowment, insured the foundation and future expansion and possibilities of this school of the University. The school opened in its new building September 21, 1921, receiving a class of 37 degree and 50 certificate students, and 1,205 preparatory pupils during first year. In connection with the School of Music and housed in the same building is the Eastman Theatre, with a capacity of 3,300 persons, a gift of Mr. Eastman. The Theatre, opened on September 4, 1922, provides a home for showing high-class motion-pictures, with musical accompaniment and overtures by an orchestra of 65 musicians, the Rochester Philharmonic Orchestra; and serves as an auditorium for concerts. Eastman dormitories furnish accomodations for 210 women.

Organization: Self-perpetuating Board of Directors. Additions to this Board are subject to approval of the Board of Trustees.

Endowment, $4,500,000.

Admission requirements: To enter preparatory department, a talent test and personal examination by Director are required. For degree and certificate courses: 13 units of high-school work, including English 3, Foreign Languages 3, Mathematics 2, and higher standard in the two tests required of preparatory students. Admission by examination in high-school subjects or by certificate from approved schools or academies. Conditions must be removed within one year.

Degree requirements: For A.B. degree with major in Music, 42 of 124 units required for graduation, may be in Music. 120 points as well as hours of credit required for the degree of B.Mus.

General requirements: Physical examination required of all entrants. Evidence of vaccination required.

Departments of Instruction and Staff: Theory and Composition, 10; Piano, 23; Voice, 6; Organ, 3; Violin, 6; Violincello, 1;

Viola, 1; Harp, 1; Public School Music, 4; History and Literature of Music, 1; English Diction, 1; French Language and Diction, 1; Dramatic Expression and German Diction, 1; Orchestral Instruments, 11; Psychologists in Music, 1; Opera Training Department, 8; Course for Motion-Picture Organists, 2; Courses in Musicianship, 4; Piano Methods, 2; Organ Methods, Extemporization, Service Playing, 1; String Methods, 1; Piano and String Ensemble, 2; Eastman School Orchestra, 1; Eastman School Chorus, 1; Appreciation of Music, 1; Course for Orchestral Conductors, 1; English, 2. Total number of faculty, 77.

Enrolment: 1,510: Degree candidates, 254; certificate, 88; opera, 55; special or preparatory, 1,113. Total matriculates to date: 8,285.

Degrees conferred June, 1926; B.Mus., 23; Certificate of Music, 23.

Fees: Registration fee, $5. Tuition for students in Degree and Certificate instrumental courses, $200; for students in voice course, $250; Opera Training course, $250. Graduation fee, $10.

Scholarships to the amount of $25,515 given during 1925–26.

Dates of beginning and ending sessions: Commencement, third Monday in June. Twelve weeks later the school begins regular instruction.

Summer session: Begins Wednesday following Commencement and continues for 5 weeks. June 23 to July 28, 1926. 29 courses of instruction. Attendance, 1925: 440.

Annual Catalog.

Achievements of year ending June 30, 1926: Completion of new dormitory for women. Two rehearsal concerts of works of American composers of orchestral music were held. Production of 5 operas by Opera Training Department, with total of 17 presentations.

Administrative officers: Director, Howard Hanson, F.A.A.R.; Secretary-Manager, Arthur M. See; Registrar, Marie S. Vetter.

SCHOOL OF MEDICINE AND DENTISTRY

History: Founded in 1920 by gifts of Mr. George Eastman and the General Education Board of New York, of $4,000,000 and $5,000,000 respectively. Received first class in September, 1925. School of Nursing opened about same time. At time of original gifts for School of Medicine and Dentistry, Mrs. Gertrude Strong Achilles and Mrs. Helen Strong Carter, by a gift of $1,000,000, provided for erection and endowment of a teaching hospital as a memorial to their father. Strong Memorial Hospital opened January 4, 1926. Cooperation between City of Rochester and University has resulted in erection of a municipal hospital of 210 beds adjacent to, and connected with, the Strong Memorial Hospital. Clinical service rendered without charge to both hospitals by faculty of School of Medicine and Dentistry.

Endowment in excess of $11,000,000.

Grounds and buildings: 60 acres adjacent to tract acquired for the College for Men. The main building houses both the Medical School and the Strong Memorial Hospital. This building and the nurses' dormitory cost $4,100,000. Scientific equipment valued at $100,000.

Library contains more than 30,000 volumes and 3,000 monographs.

Admission requirements: 3 full years of study in an approved university or college. One year of college English. Three years of college Chemistry, including inorganic, organic, and quantitative Chemistry. One year of Biology, Physics, and a reading knowledge of French or German.

Degree requirements: Courses largely prescribed.

Ten departments of instruction. Staff of 53 full-time and 42 part-time teachers.

Enrolment, 1925–26: First class received in School was composed of 20 men and 2 women.

Tuition, $300 a year.

Opened September 27, 1926. Commencement, June 20, 1927.

Annual catalog in spring.

Administrative officers: Dean, George Hoyt Whipple; Director of the Strong Memorial Hospital, Nathaniel Wales Faxon; Director of School of Nursing and Superintendent of Nurses of the Strong Memorial Hospital, Helen Wood.

THE UNIVERSITY OF THE SOUTH

SEWANEE, TENNESSEE

A College of Arts and Sciences, with a graduate School of Theology attached. Under the control of Protestant Episcopal Church in thirteen Southern States.

Founded in 1857; chartered January 6, 1858 by State of Tennessee. Chartered as a university, for the intention of the Founders was that the institution should consist of a large number of small colleges of arts and sciences, grouped together as a university.

Outbreak of the war between the States swept away all endowments and caused the destruction of the buildings erected. 1868 college reopened.

Board of Trustees consisting of the Bishop and one clerical and two lay trustees from each of the twenty-two Southern dioceses of the Protestant Episcopal Church. Board of Trustees meets annually and elects a Board of 12 Regents, who have all the powers of the Trustees when the Trustees are not in session.

Endowment available for operating amounts to $700,000 paid in at the present time, with approximately $400,000 additional in interest-bearing unpaid pledges. Income available for operating purposes from endowment, about $60,000 a year. Total net income for year ending August 31, 1926, $325,000. Expenditures amounted to $320,000.

Grounds and buildings: Area of Domain approximately 10,000 acres. Ten residence halls with a total capacity of 350. Value of grounds as carried on the books, $125,000; probable actual value, $500,000. Total value of buildings as carried on the books: $1,000,000 (including books, pictures, equipment, etc.); probable actual value, $2,000,000.

Library (1886), 40,000 volumes, exclusive of government documents.

Laboratories: Science Hall (1913) donated by Andrew Carnegie; Chemistry, Physics, Biology, Forestry, and Engineering laboratories. Equipment, $50,000.

Health program: All entering students are examined by resident Health Officer and by the Director of Athletics. Gymnasium and swimming-pool partially completed. One steel Field House and two athletic fields. Physical training required of Freshmen. The University operates, as its infirmary and as a general hospital, a 40-bed hospital, with a staff of 2 physicians, and a training school for nurses.

Admission requirements: For A.B.: English 4, Mathematics 3½, Latin 4. For S.B.: English 4, Mathematics 3½, Foreign Languages 4. Students not having required Language and Mathematics units, but presenting at least English 4, Foreign Language 2, Mathematics 2½, are admitted, but required to take such subjects as will most quickly prepare them to enter a regular degree course. Full requirements for such degree must be met before the beginning of Junior year.

Degree requirements: For B.A.: 69 year-hours and 60 quality credits. Candidates for the B.A. degree must elect at least 6 courses in Foreign Language aggregating not less than 19 year-hours; 2 courses in English (6 hours); 1 course in Mathematics (6 hours); 1 course in Ethics (3 hours); 1 course in Science (4 hours); 1 course in Social Science (3 hours); History 1 (3 hours); English Bible (3 hours, Freshman year); Constitution of the United States (1 hour); Physical Education (1 hour, Freshman year). For B.S.: 69 year-hours and 60 quality credits. Candidates for the B.S. degree must elect at least 4 courses in Modern Language; 4 courses in Science (all 4 courses cannot be taken in one science); 2 courses in Mathematics (6 hours); and English, History, Ethics, Bible, Constitution, and Physical Education as for A.B. For the degree of M.A. completion in residence of at least one regular session devoted exclusively to graduate study. Thesis required. For degree of B.D. entire course in Theological Department and a satisfactory thesis.

General requirements: Daily chapel attendance required. All students, except Juniors and Seniors, required to live in college halls.

Departments and Staff: Biology: *Professors*, 0; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 0, 1, 0. Civil Engineering, carried by

Forestry Department. English: 1, 0, 1, 2. Engl sh Bible, carried by the Chaplain. Forestry: 1, 0, 1, 0. French: 1, 0, 1, 0. German: the Dean. Greek: 1, 0, 0, 0. History: 1, 0, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 1, 0. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 0, 3. Physics: 1, 0, 0, 0. Public Speaking: 1, 0, 0, 0. Social Sciences: 1, 0, 0, 0. Spanish: 1, 0, 0, 1. Hebrew: 1, 0, 0, 0. New Testament Language and Interpretation: 1, 0, 0, 0. Theology: 1, 0, 0, 0. Ecclesiastical History, Liturgies, Polity, and Canon Law: 1, 0, 0, 0. Philosophy of Religion, Ethics, and Sociology: 1, 0, 0, 0. Homiletics, Pastoral Care, and Religious Education: 1, 0, 0, 0, and the Dean. English Composition: 0, 0, 1, 0.

Enrolment, 1925–26, 359 (exclusive of duplicates): College, 341; Theological, 25. Number of matriculates since foundation, 5,715.

Degrees conferred June, 1926: B.A., 26; B.S., 11; B.D., 4. Number of degrees conferred since foundation, 718.

Fees: Tuition, $150; University fee, $25; Contingent fee, $10; room, $110; board, $300; laundry, $32. Total expenses (3 terms), $627. Matriculation fee, $15. Students in Theological School pay no fees, making the year's charges, $417.

Scholarship funds: College of Arts and Sciences, $75,000; Theological School, $55,000. In addition to income from these funds, the University appropriates approximately $7,500 a year from its general funds to special scholarships. Sons of clergymen of all denominations are entitled to tuition scholarship ($150).

Dates of beginning and ending sessions: Sessions begin third Tuesday in September and end second Tuesday in June.

Summer session: Ten weeks, opening the week following the close of third term. Work done in summer term is the equivalent of a full session's work. No more than two subjects may be carried in summer term. Approximately 10 departments offer instruction each summer term. Attendance, 1926, 43.

Publications: College bulletins, published four times a year, including catalogs, annual report of the Vice-Chancellor, and proceedings of the Board. University Press. Books printed, some fifteen or twenty. "The Sewanee Review," a quarterly.

Achievements of year ending June, 1926: Completion of a new dormitory, Johnson Hall, the gift of Mr. and Mrs. Crawford Johnson of Birmingham. Building of a new athletic field. Plans laid for a campaign for $2,000,000 to be used for expansion, and to be conducted during year beginning October, 1926.

Administrative officers: Vice-Chancellor, Benjamin F. Finney; Dean, Theological School, Reverend William H. DuBose; Dean, College of Arts and Sciences, George M. Baker; Acting Registrar, William B. Nauts.

UNIVERSITY OF SOUTH CAROLINA

COLUMBIA, SOUTH CAROLINA

State University for men and women.

Chartered in 1801 by General Assembly of South Carolina. Opened January 10, 1805.

Board of Trustees consists of Governor of State, State Superintendent of Education, Chairmen of Senate and House Committees on Education as ex officio members; 7 members elected by Legislature to serve a period of 6 years each.

University comprises: College of Arts and Science, Graduate School, School of Education, School of Commerce, School of Journalism, School of Engineering, School of Pharmacy, School of Law, Summer School, and Extension Division.

Financial resources: Annual appropriations by State Legislature. Budget for 1925–26, $583,903.

Grounds and buildings: 47 acres, appraised at $1,024,254. Total present worth of some 40 buildings, $1,160,000. Total value of grounds, buildings, and equipment, $2,850,000.

Library (1840; said to be first separate library building at any institution of higher learning in America), 80,000 volumes exclusive of government documents. Several incunabula; many rare books; 165 current periodicals; bound periodicals including many early American, about 20,000 vol-

umes; almost complete collection of Caroliniana. Law Library. State Supreme Court library open to law students.

Laboratories: LeConte College (1911) houses departments of Biology, Chemistry, and Geology. Laboratory building for Engineering and Physics being erected. Laboratory for Psychology housed in Davis College. Facilities of School of Engineering supplemented by cooperation of State Highway Department and electric power plants of Columbia.

Museums: Geological and Mineralogical collection. Babcock collection of Indian relics.

Observatory: 15-inch reflecting telescope and auxiliary equipment.

Health program: Annual medical examination by University physician, and physical measurements by director of physical training, required. Gymnasium. Athletic field. Infirmary.

Admission requirements: 15 units, including English 3, Mathematics 3, History 2, Latin 3, or Modern Language 2, Science 1. No conditions allowed.

Degree requirements: For A.B. or B.S. in College of Arts and Science, 137 semester credits, including 12 in English, 12 in a Foreign Language, 12 in History, 12 in a Laboratory Science, and 9 in Mathematics. 18 credits must be earned in one of these departments. Students must earn as many Honor Points as semester credits. Courses of study: Group I, Languages; Group II, History and Social Sciences; Group III, Mathematics and Applied Sciences. Of the total 137 credits, 54 must be offered in one of the groups, 24 in each group, 29 may be elected freely in the three groups; and 6 are required in physical training. Prescribed courses for degrees in Commerce, Journalism, and Education in the first 2 years, are similar to those in Arts and Science, with professional requirements, instead of electives, in the last 2 years. For M.A. in the Graduate School, one year of residence study, with thesis, required. Candidate must be a graduate of an approved college and show a reading knowledge of a foreign language.

General requirements: Physical training required of all except graduate and professional students. Chapel attendance required for undergraduates. Students reside in dormitories or approved lodgings.

Departments and Staff: Ancient Languages: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bible: 1, 0, 0, 0. Chemistry: 2, 2, 0, 0. Commerce: 2, 1, 1, 1. Education: 5, 0, 0, 0. Engineering: 1, 2, 0, 0. English: 5, 2, 0, 1. Fine Arts: 0, 1, 0, 1. Geology: 1, 2, 0, 0. History: 1, 4, 0, 0. Hygiene: 1, 0, 0, 0. Journalism: 1, 0, 0, 0. Law: 4, 0, 1, 0. Library Methods: 1, 0, 0, 0. Mathematics: 2, 1, 1, 4. Music: 0, 0, 0, 1. Pharmacy: 1, 1, 0, 0. Physical Education: 2, 0, 0, 2. Physics: 1, 2, 0, 0. Psychology: 1, 0, 0, 1. Romance Languages: 1, 3, 0, 2. Rural Economics: 1, 0, 0, 2. Sociology: 1, 0, 0, 1. Teutonic Languages: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: College of Arts and Science, 834: Men, 501; women, 333. Graduate School, 154: Men, 86; women, 68. School of Commerce, 221: Men, 215; women, 6. School of Pharmacy, 27: Men, 26; women, 1. School of Law, 100: Men, 98; women, 2. Total (less 14 counted twice), 1,419: Men, 1,008; women, 411. Total number of matriculates (1801–1926), 26,926: Men, 23,651; women, 3,275.

Degrees conferred year ending June 30, 1926, 173: A.B., 65; B.S., 10; B.S. in Commerce, 10; B.S. in Engineering, 3; C.E., 17; B.S. in Pharmacy, 1; A.M., 32; LL.B., 35. Total number of degrees conferred since foundation, 4,229: A.B., 2,742; B.S., 256; B.S. in Commerce, 28; B.S. in Engineering, 7; C.E., 99; B.S. in Pharmacy, 1; LL.B., 758; M.A., 314; Ph.D., 3; M.D., 21. Honorary degrees, 163.

Fees: Each semester: Matriculation, $5; tuition, $20; contingent, $5; laboratory fee, $5; student activities, $10; room on the campus, $20; board in university cafeteria, $18. Average annual expenditure from $300 to $600.

Scholarships and fellowships: 46 scholarships ($100 each, with free tuition) for prospective teachers. 11 fellowships ($300 to $600, with free tuition) awarded to graduates of approved colleges. 24 privately-endowed scholarships ($100 to $300 each). Alumni Loan Fund.

Student employment committee enabled students in 1925–26 to earn $45,000.

Annual session begins on third Wednesday of September and closes on second Wednesday of June. Session divided into semesters of 18 weeks each.

Summer session of 6 weeks begins on June 15. 19 departments offered 88 courses. Attendance, 1925, 526.

University Extension Division publishes "University Weekly News" and monthly bulletins; serves public schools of State in making school surveys, providing lectures, distributing standard intelligence and educational tests, conducting annual State high-school contests in athletics, debates, declamation, Latin, English, stenography, and typewriting. Bureau of Public Discussion furnishes individuals and organizations with package libraries, club programs with syllabi and reference material, play and pageantry service, debate material, and home reading courses, for which books are loaned.

Publications: Catalog; monthly bulletins on historical, literary, and scientific subjects; "South Carolina Education," official organ of the State Teachers' Association.

Achievements of year ending 1926: Development of course in dramatic production; use of "Town Theatre" as laboratory, by cooperation of Columbia Stage Society. New courses in Sociology for practical and field training of social welfare workers.

Bibliographical references: Meriwether, "Higher Education in South Carolina"; McCrady, "History of South Carolina"; LaBorde, "History of the South Carolina College"; Green, "History of the University of South Carolina."

Administrative officers: President, Davidson Douglas; Dean, Leonard T. Baker; Dean, Graduate School, William Spencer Currell; Dean, Law School, James Nelson Frierson; Dean, School of Engineering; Walter E. Rowe; Dean, School of Commerce, George E. Olson; Dean, School of Journalism, William Watts Ball; Dean of Women, Irene Dillard; Registrar, John A. Chase, Jr.

UNIVERSITY OF SOUTH DAKOTA

VERMILLION, SOUTH DAKOTA

State University, consisting of College of Arts and Sciences, Schools of Law and Medicine, Colleges of Music and Engineering. Coeducational.

The first territorial legislature of Dakota, on April 21, 1862, passed an act locating the University of Dakota in Vermillion. At the next session an act of detailed incorporation was passed. In 1881 Congress granted 72 sections of public land to Dakota "for the use and support of a university when it should be admitted as a State to the Union." Following this action, citizens of Vermillion formed a corporate association "to locate the University of Dakota in fact," securing the cooperation of Clay County, which, on March 13, 1882, issued bonds to the amount of $10,000 for the erection of buildings.

Board of 5 Regents, appointed by Governor for terms of 6 years. Members may not be residents of a county in which a State educational institution is located.

Endowment: 86,000 acres of unsold land. Income from endowment, 1925–26, $17,885.38. Income from appropriations and fees, $488,637.77. Total annual expenditures for current expenses, year ending June 30, 1926, $490,764.40. Budget, 1926–27, $330,000.

Grounds and buildings: Total value of grounds (62 acres), $50,000. Total present worth of buildings, $2,250,000. Total value of grounds, buildings, and equipment, $2,650,000.

Library (1910), 50,000 volumes; 375 current periodicals.

Laboratories: Science Hall (1901): Medical School, Geology, Physics, Zoology. Chemistry Building (1914): Chemistry, Bacteriology. Engineering Shops (1918). Value of equipment in principal departments, $400,000.

Observatory.

Health program: Physical Education required of women first 2 years. Military Science required of all men first 2 years. Senior R.O.T.C. optional.

Admission requirements: For Freshman

class in College of Arts and Sciences: 15 units, including English 3, Algebra 1, Plane Geometry 1, History 1, Natural Science 1. One unit of condition allowed; must be removed within one year.

Degree requirements: For A.B.: 120 semester hours, in addition to 2 years of Physical Education for women and 2 years of Military Training for men entering with less than Junior standing. A major of 24 semester hours; a related minor of 12 semester hours; an unrelated minor of 12 semester hours; and a free elective minor of 12 semester hours. Two years of college Foreign Language, a year of Science or Mathematics, a year of Freshman English, and a year of some Social Science.

Instruction includes 4-year courses in Arts and Sciences, Engineering, and Music. Combination courses of 6 years are offered in Law and Medicine. Only the first 2 years of Medicine are offered. Work is offered in Mechanical, Civil, Electrical, and Chemical Engineering. Graduate work leading to the degree of Master of Arts is given in the College of Arts and Sciences. A 6 weeks' summer school, offering both undergraduate and graduate courses, is maintained.

Departments and Staff: Bacteriology and Hygiene: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 3, 1, 1, 0. Botany: 0, 0, 1, 0. Chemistry: 1, 2, 0, 2. Commerce or Business Administration: 2, 0, 2, 0. Economics: 2, 0, 1, 1. Education: 2, 0, 0, 1. English: 1, 1, 1, 1. Fine Arts: 2, 0, 0, 0. French: 1, 0, 0, 2. Geology: 1, 1, 0, 1. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History and Government: 2, 0, 0, 1. Home Economics: 1, 0, 2, 0. Journalism: 1, 0, 1, 1. Latin: 1, 0, 0, 1. Mathematics and Astronomy: 1, 0, 1, 1. Military Science: 1, 0, 2, 1. Physical Education: 1, 0, 0, 1. Psychology and Philosophy: 2, 0, 0, 0. Public Speaking: 1, 0, 0, 1. Sociology: 1, 0, 1, 0. Spanish: 0, 1, 0, 2. School of Law: 6, 0, 0, 0. School of Medicine: See page 130. College of Engineering: 5, 3, 0, 1. College of Music: 4, 0, 2, 4.

Enrolment, 1925–26, 1,460.

Degrees conferred year ending June 30, 1926, 157. Total number of degrees conferred since foundation, 1,881.

Fees: Tuition: College of Arts and Sciences and College of Engineering, $50 a year; Schools of Law and Medicine, $100 a year; College of Music, $80 to $94. Laboratory, $4 to $35. Board (36 weeks), $180 to $250. Room (36 weeks), $75 to $180.

Scholarships and fellowships: The highest ranking man and woman graduate of each accredited high school in South Dakota graduating 25 or more, is entitled to a scholarship covering fees to the extent of $60 a year. In high schools graduating less than 25, one scholarship is granted. Graduate scholarships granted each year to amount of $900.

Employment bureau: About one-third of the students earn a part of their expenses.

Dates of beginning and ending sessions: First semester, September 12, 1927 to January 27, 1928. Second semester, January 30 to June 9, 1928.

Summer session: June 11 to July 20, 1928.

Publications: Catalog in March. President's Report in October of even years.

Administrative officers: President, R. L. Slagle; Vice-President and Dean of Student Affairs, J. H. Julian; Dean, College of Arts and Sciences, E. S. Sparks; Dean, School of Law, Marshall McKusick; Dean, College of Engineering, L. E. Akeley; Dean, College of Music, W. R. Colton; Dean of Women, Anne Henley; Acting Dean, School of Medicine, G. R. Albertson; Registrar, H. W. Frankenfeld.

UNIVERSITY OF SOUTHERN CALIFORNIA

LOS ANGELES, CALIFORNIA

A privately controlled university for men and women; related to Methodist Episcopal Church.

A group of men elected by Southern California Annual Conference of Methodist Episcopal Church formed organization for University of Southern California in 1879. Opened, 1880. School of Religion, 1880; School of Music, 1893; College of Dentistry, 1898; Law School, 1901; School of Speech,

1901; College of Pharmacy, 1905; Marine Biological Station, 1910; Graduate School, 1911; School of Education, 1918; Commerce, 1920; Metropolitan College, 1924; School of Architecture, 1925; School of Social Welfare, 1920.

Board of 30 trustees.

Endowment, $1,000,000. Income from endowment, $35,000. Income from other sources: Student fees, $1,000,000. Miscellaneous sources, $50,000. Expenditures, 1925–26, $1,300,000.

Grounds and buildings: Grounds (18 acres) valued at $1,500,000. Value of grounds, buildings, and equipment, $3,300,000.

Library (1901): 81,891 volumes, including 2,823 Government documents; 707 current periodicals. The Los Angeles Public Library (500,000 volumes), the County Law Library (51,000 volumes), the Barlow Medical Library, are available for reference work. The Henry E. Huntington Library (over 300,000 rare volumes), is open to graduate students.

Laboratories: Science Building (1925) cost $200,000; houses principal science departments, with equipment valued at $63,735.

Museums: Exposition Park, adjacent to University, in which the State Building contains exhibits of the products, mineral and vegetable, of the various counties of the State, and the Museum of History, Science and Art contains the collections of The Historical Society of Southern California. The Academy of Science, The Cooper Ornithological Society, The Fine Arts League of Los Angeles, and numerous private collections.

Health program: Gymnasium. Athletic fields. Physical education required for 2 years. Required physical examination.

Admission requirements: Psychological test and 15 units, including English 2, Foreign Language 2, Algebra 1, Plane Geometry 1, U. S. History and Civics 1, Laboratory Science 1. Only 4 units of vocational work allowed. No conditions allowed.

Degree requirements: For A.B.: 124 units. An equal number of grade points, i. e., a "C" average. Prescribed courses: A. Junior standing requirements: To be completed by the end of the Sophomore year; English, 1 year, 6 units; Science, 1 year, 8 or 10 units; (Chemistry, Physics, Botany, or Zoology); Foreign Languages, 2 years, 16 units (Latin, Greek, German, French, Spanish or Italian); Psychology, 1 semester, 3 units; Physical Education, 2 years 4 units; Hygiene, 2 units; Orientation, 1 unit. B. General college requirements: 12 units from two or more of following groups other than the group in which student's major subject is included: 1. Mathematics; 2. Sociology, Economics; 3. History, Political Science; 4. Philosophy, Biblical Literature; 5. Art, Music. C. Major. D. Minor approved by the major department. E. Elective courses. F. Thirty-six of units completed during Junior and Senior years must be in Upper Division courses. To comply with the requirements of the California State law, there must be included a course on the Constitution. This course may count also toward the general college group requirements. For M.A., M.S., M.B.A., M.A. in Education, LL.M.: 24 units of graduate work and thesis. Satisfaction of time or course unit requirement does not in itself give right to the degree. Minimum residence, one year. For B.D.: 90 semester units and thesis. For Ph.D.: 3 years graduate work; preliminary examination at end of 2 years; course examinations; examination in French and German 1 year before degree is sought; final oral examination; dissertation.

Departments and Staff: Art and Architecture: *Professors*, 1; *Associate Professors*, 2; *Assistant Professors*, 3; *Instructors*, 0. Biology: 3, 2, 3, 0. Chemistry: 2, 0, 1, 0. Commerce and Economics: 7, 4, 4, 3. Education: 4, 3, 3, 3. Engineering: 2, 2, 0, 0. English: 3, 3, 3, 7. French and Italian: 4, 0, 1, 3. Geology: 1, 1, 0, 0. German: 2, 0, 0, 0. Greek: 1, 0, 0, 0. History: 2, 1, 2, 1. Home Economics: 1, 0, 2, 0. Latin: 0, 0, 2, 0. Mathematics: 2, 0, 1, 0. Philosophy: 2, 0, 1, 0. Physical Education: 2, 0, 1, 5. Physics: 1, 0, 0, 3. Political Science: 1, 1, 0, 0. Pharmacy: 2, 0, 3, 2. Psychology: 3, 0, 0, 0. Religion: 5, 1, 1, 1. Sociology: 2, 2, 3, 1. Spanish: 1, 0, 4, 1.

Speech: 1, 0, 4, 3. Law: 7, 0, 0, 0. 10 *Lecturers*. Music: 13, 0, 2, 15. Dentistry: *Professors* 50 and *Lecturers* and *Technicians*, 25. Extension Courses: *Professors*, 75.

Enrolment in first and second semesters of year ending June 30, 1926: Arts and Sciences, 4,230; Commerce, 843; Dentistry, 1,148; Education, 266; Music, 661; Pharmacy, 465; Religion, 90; Speech, 19; Law, 740; Metropolitan College, 6,956. Total: 15,839. Total number matriculates since foundation: 48,580.

Degrees conferred year ending June 30, 1926: 1,322, including diplomas and certificates. Degrees conferred since foundation approximately, 7,590.

Annual fees: Registration, $20. Tuition, $230. Library, $4. Laboratory, $5. Gymnasium, $8. Diploma, $10. Dormitory room and board, $405. Annual expense, including living: Liberal, $2,500; low, $800.

233 Scholarships. 18 Fellowships ($600 each). Loan funds, $18,000.

Employment bureau: About 30 per cent of the students earn all or a portion of their expenses. Of about 1,000 freshmen, 60 per cent of the men and 14 per cent of the women earn part or all of their expenses.

Dates of beginning and ending sessions: First semester: September 19, 1927, to February 2, 1928. Second semester: February 8, 1928, to June 7, 1928.

Summer session: 6 weeks: June 28 to August 6, 1926. 8 weeks: June 14 to August 6, 1926. Post session: August 9 to 31, 1926. Thirty-one departments offered 253 courses in the 6 and 8 weeks sessions. Seven departments offered 32 courses in the post session, 1926.

University extension: Metropolitan College offers late afternoon and evening classes, granting University residence credit, which may be applied toward undergraduate and advanced degrees and teachers' credentials. Extension courses are conducted in a number of outlying communities.

Publications: Catalog in March. President's Report annually. "Personalist"; "Journal of Applied Sociology"; "Lyric West"; "Journal of Religious Education"; "University Studies."

Achievements of year ending June 30, 1926: Bridge bequest, approximately, $1,500,000; Orientation Courses; Elementary Guidance Program; Publication of Faculty Research Studies; Dedication of Law School Building; Land purchased for future expansion; Women's Residence Hall; School of Architecture Building.

Administrative officers: President, Rufus B. von Kleinsmid; Dean, College of Liberal Arts, Karl T. Waugh; Dean, College of Music, William F. Skeele; Dean, College of Dentistry, Lewis E. Ford; Dean, College of Pharmacy, Laird J. Stabler; Director, Metropolitan College, Thomas W. MacQuarrie; Dean, School of Religion, John F. Fisher; Dean, School of Law, Frank M. Porter; Dean, School of Speech, Ray K. Immel; Dean, College of Commerce and Business Administration, Wallace McCook Cunningham; Dean, School of Education, Lester B. Rogers; Director, School of Social Welfare, Emory S. Bogardus; Registrar, Theron Clark; Advisor of Foreign Students, Mabel McMath.

THE UNIVERSITY OF TENNESSEE

KNOXVILLE, TENNESSEE

State University for men and women. Liberal Arts, Engineering, Agriculture, Education, Law, Medicine, Dentistry in Knoxville; and Schools of Commerce, Home Economics, and Pharmacy. Medicine, Dentistry, and Pharmacy are in Memphis, Tennessee.

Founded 1794. First chartered by Legislature of the Territory South of the Ohio River under name of Blount College. Became East Tennessee College in 1807. Became East Tennessee University in 1840. Incorporated as the Agricultural and Mechanical College in 1869. Became The University of Tennessee in 1879.

Board of 18 trustees; one from each of the 10 Congressional districts, and 2 from each of the cities of Knoxville and Memphis, appointed by the Governor and confirmed by the Senate of Tennessee. The Governor, Commissioners of Education and Agriculture, and President of University are ex-officio members.

Financial resources: The only endowment is that received from the Land Grant Fund of 1862, amounting to $400,000, the income from which is $20,000 a year. The other income is derived from a one-half mill tax levy of the State, producing annually a net amount of approximately $720,000; income from Federal appropriations for the Agricultural and Mechanical Colleges, Experiment Station, and Agricultural Extension, amounting annually to approximately $294,000; and from fees and other miscellaneous sources, amounting to approximately $327,000. Total annual expenditures for the year ending June 30, 1926: $1,440,344.39. Budget for 1926–27: $1,432,859.89.

Grounds and buildings: Total area of grounds and farms, 1,735.201 acres. Total value of grounds including farms: $1,653,784.50. Total present worth of buildings: $2,470,458.55. Total value of grounds, buildings, and equipment: $5,046,118.25. Laboratory equipment: $254,523.73. One residence hall for men (35); seven for women (260).

Library (1910–11): 60,000 volumes, including 6,000 Government documents; 475 current periodicals. Law Library, 5,173 volumes. Engineering Library, 2,763 volumes. Medical College, Memphis, 6,393 volumes. Agricultural Library, 9,532 volumes. Bruce Collection of Medieval Romance and Elizabethan Literature.

Laboratories: Morrill Hall (1909): Botany, Zoology, and Bacteriology; $55,000. Science Hall (1890): Chemistry, Physics, and Geology; $57,000. Estabrook Hall (1898, 1907, 1918): Mechanical Engineering, Hydraulic and Sanitary Engineering, and Steam Engineering; $85,084. Carrick Hall (1887): Civil Engineering; $12,500. Home Economics Laboratory Building (1925–26): $201,000. Agricultural Laboratory Building (1921): $250,000. Colleges of Medicine and Dentistry: Lindsley Hall (1906): $60,000. Eve Hall (1912): $50,000. Pathological Laboratory Building (1920, 1924): Pathology and Bacteriology; $97,300. Anatomy Laboratory Building (1925–26): $307,000.

Health program: All students examined by University physician when they enter. Gymnasium (1925). Shields-Watkins Athletic Field; worth $125,000. Infirmary.

Admission requirements: 15 units, including following distribution: Liberal Arts: English 3, Mathematics 2½, Foreign Language 4. Commerce: English 3, Mathematics 2½, Foreign Language 2. Preliminary Medical and Dental: Same as National Association requirements. Education: English 3, Mathematics 2½, History 1, Science 1. Engineering: English 3, Mathematics 3, Science 3. Agriculture: English 3, Mathematics 2, Science 3. Home Economics: English 3, Mathematics 2½, Foreign Language 2. No conditions allowed.

Degree requirements: 132 semester hours; 6 in Military Science, Physical Training, and Hygiene. Average grade required for graduation: C.

General requirements: Military Science, Physical Training, and Hygiene required in Freshman and Sophomore years. Chapel attendance required.

Departments and Staff: Agricultural Education: *Professors*, 2; *Associate Professros*, 0; *Assistant Professors*, 1; *Instructors*, 0. Animal Husbandry: 2, 0, 2, 0. Bacteriology: 1, 0, 0, 2. Botany: 2, 0, 0, 1. Chemistry: 2, 1, 0, 6. Civil Engineering: 1, 0, 1, 0. Dairy Husbandry: 1, 0, 1, 0. Economics and Sociology: 2, 1, 1, 3. Education: 3, 4, 0, 0. Electrical Engineering: 1, 0, 0, 0. English: 3, 0, 0, 11. Entomology: 1, 0, 0, 0. Geology: 1, 1, 0, 1. Germanic Languages: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 2, 0, 5, 3. Horticulture: 0, 1, 0, 1. Hydraulic and Sanitary Engineering: 1, 0, 0, 0. Hygiene: 1, 0, 1, 0. Latin: 1, 0, 0, 0. Mathematics: 2, 0, 2, 4. Mechanical Engineering: 2, 0, 0, 1. Mechanical Drawing: 1, 0, 0, 1. Military: 5 Officers; Philosophy and Psychology: 2, 0, 1, 0. Physical Education: 0, 1, 0, 1. Physics and Astronomy: 1, 0, 1, 0. Romance Languages: 1, 3, 0, 2. Soils: 1, 0, 0, 0. Veterinary Science: 1, 0, 0, 0. Zoology: 1, 0, 1, 1.

Enrolment: For year ending June 30, 1926: 2,110, including Memphis Departments.

Degrees conferred year ending June 30, 1926: 317. In Departments at Knoxville:

M.A., 6; M.S. in Ed., 1; M.S. in Agri., 2; B.A., 71; B.S. in Chem., 9; B.S. in Com., 15; B.A. in Ed., 2; B.S. in Ed., 12; B.S. in Eng., 28; B.S. in Agri., 17; B.S. in Home Econ., 21; LL.B., 19. In Departments at Memphis: M.D., 47; D.D.S., 29; Pharm. Chem., 6; Pharm. Grad., 27; B.S. in Med., 4; B.A. 1.

Fees: College of Liberal Arts, Education, Engineering, and Agriculture: Tuition to non-residents, $81 a session; maintenance fee, $21 a session; library fee, $4.50 a session; student health fee, $5 each session; diploma fee, $5. College of Law: Tuition, $100 a session; matriculation, $5. Graduate student's matriculation fee, $10. Laboratory fees, $1 to $7. Room (men), $75 to $112. Board, $170 to 228. Laundry, $15 to $25. Room and Board (women), $280. Laundry, $19 to $38. Estimated expenses for men: Liberal, $584.50; low, $444.50. Estimated expenses for women: Liberal, $494; low, $447.

Scholarships and fellowships: 4 Fellowships; stipend, $500. Scholarships in each of several schools.

Research: Agricultural Experiment Station Budget 1926 from State, Federal, and other funds: $111,265.63. Budget for Engineering Experiment Station: $1,550.

Employment bureau: 30 to 40 per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 26, 1927, to June 8, 1928.

Summer session: June 11 to August 24, 1928. 22 Departments offer 171 courses in two terms of 6 weeks each. Attendance, 1925: 1,126.

Division of University Extension: Regularly enrolled, 421. Division of Agricultural Extension: Farm women's short course, 142; boys and girls enrolled in clubs, 16,618; club boys and girls in summer camps, 3,594; farmers' conventions, 4550; women enrolled in clubs, 10,896; men enrolled in clubs, 2,753; men and women enrolled in community organizations, 13,649.

Publications: Catalogue in May. President's Report in November.

Bibliographical references: Moses White, "History of the University of Tennessee"; Edward T. Sanford, "Blount College and the University of Tennessee"; T. C. Karnes, "University of Tennessee," in Merriam's "History of Higher Education in Tennessee."

Administrative officers: President of the University, Harcourt A. Morgan; Dean of the University, James D. Hoskins; Dean, College of Engineering, Charles E. Ferris; Dean, College of Liberal Arts, James T. Porter; Dean, College of Agriculture, Charles A. Willson; Dean, College of Education, John A. Thackston; Dean, College of Law, Malcolm McDermott; Dean of Men, Felix M. Massey; Dean of Women, Harriet Greve; Acting Dean, College of Medicine, James B. McElroy; Dean, College of Dentistry, Robert S. Vinsant; Director, Agricultural Experiment Station, Charles A. Mooers; Director of Agricultural Extension, Charles A. Keffer; Director, Engineering Experiment Station, Charles A. Perkins; Registrar, Elizabeth Caswell Allen.

UNIVERSITY OF TEXAS

AUSTIN, TEXAS

(Medical Branch, Galveston, Texas)
(College of Mines and Metallurgy, El Paso, Texas)

State University. Coeducational.

State Institution ordained by the Constitution; located by popular vote; endowed and maintained by Legislative grants. An Act of the Legislature provided for organization of the University of Texas, 1881. On September 15, 1883, the University was opened.

Board of 9 Regents, each serving a term of 6 years, 3 members being appointed every 2 years by Governor of the State subject to confirmation by State Senate.

Financial resources: The University has 2,000,000 acres of land. The State Constitution prohibits appropriation for building purposes and a State statute provides that income from endowment shall be restricted to the erection of permanent improvements. Annual appropriation by State for support and maintenance for year ending August 31, 1926, $1,586,877.50. Discovery of oil on land belonging to the University has resulted

in the receipt to August 31, 1926, of over $3,000,000 in oil royalties, which, under the State Constitution, become a part of endowment fund, the income of which may be used for permanent improvements.

Grounds and buildings: Original campus, 40 acres. Approximately 135 acres adjoining the original campus purchased since 1921. Buildings, grounds, and equipment at Main University valued at approximately $6,500,000. Medical Branch at Galveston occupies two city blocks. Its buildings, grounds, and equipment are valued at about $1,500,000. College of Mines and Metallurgy at El Paso occupies a campus of 23 acres. Its 6 buildings, grounds, and equipment, valued approximately at $300,000.

Libraries: Library of Main University (1911), 243,100 volumes; 48,739 pamphlets. Law Library: 29,839 volumes. Medical Library in Administration Museum Building, 12,614 volumes; 5,835 pamphlets. Library of College of Mines and Metallurgy, 1,508 volumes; 2,813 pamphlets.

Laboratories: Main University: Chemistry Building, Biology Building, portions of Main Building and several temporary structures, devoted to laboratory purposes. Equipment of all laboratories, including Engineering, etc., $685,827.70.

Museums: Swenson Collection of Metals and Coins: Collection of Mexican Antiquities; Botanical Collections; Zoology Collections; Paleontological Collections; Forestry Exhibit; and Collections made by the Bureau of Economic Geology. Medical Branch has Museum of Anatomy, a Museum of Pathology, and a Museum of Surgical Pathology.

Health program: Main University has organized Health Service with 3 full-time physicians. Physical examination of all students entering the University. Gymnasium. Physical training required during first 3 years for women and first 2 years for men.

Admission requirements: 15 units, including English 3, Social Science 2, Mathematics 3, Foreign Language 2. A student who presents 15 acceptable units satisfying all requirements except the Foreign Language, may be admitted without this requirement and make it up within 2 years. For admission to Law School, School of Business Administration, and School of Medicine, a student must present, in addition to 15 entrance units, 2 years of acceptable college work, including certain specified courses.

Degree requirements: For B.S. in Medicine, B.S. in Nursing, B.A., B. of Journalism, B.S. in Home Economics, and B.B.A.: 20 courses, a course being equivalent of 3 hours of class work and 9 hours of preparation a week for 36 weeks. For Bachelor Degree in Engineering: 22 courses. For LL.B.: 3 years in Law School.

Departments and Staff: Anthropology: *Professors*, 1; *Associate Professors*, 1; *Adjunct Professors*, 0; *Instructors*, 1. Applied Mathematics: 2, 1, 4, 0. Botany: 2, 1, 1, 0. Chemistry: 4, 0, 1, 0. Classical Languages: 2, 1, 1, 1. Economics and Sociology: 3, 2, 3, 8. English: 7, 3, 4, 24. Geology: 2, 0, 2, 2. Germanic Languages: 0, 2, 1, 1. Government: 1, 0, 3, 3. History: 4, 6, 0, 5. Home Economics: 1, 2, 3, 5. Philosophy and Psychology: 3, 0, 3, 3. Physics: 4, 0, 0, 5. Public Speaking: 0, 1, 0, 2. Pure Mathematics: 3, 3, 2, 4. Romance Languages: 3, 3, 6, 8. Zoology: 4, 0, 0, 3. Graduate School: 41, 6, 1, 0. School of Business Administration: 5, 2, 5, 3. School of Education: 7, 1, 7, 8. College of Engineering: 5, 6, 4, 13. School of Law: 8, 1, 0, 2. Medical School: See page 131. College of Mines and Metallurgy: 4, 1, 3, 2.

Enrolment for the year ending June 15, 1926: College of Arts and Sciences, 3,329: Men, 1,693; women, 1,636. Graduate School, 313: Men, 179; women, 134. School of Education, 74: Men, 7; women, 67. College of Engineering, 619: Men, 601, women, 18. School of Law, 297: Men, 289; women, 8. School of Business Administration, 349: Men, 321; women, 28. School of Medicine, 226: Men, 211; women, 15. College of Pharmacy, 47: Men, 41; women, 6. College of Nursing: Women, 77. College of Mines and Metallurgy, 104: Men, 87; women, 17. Total men, 3,429; total women, 2,006. Complete total, 5,435. Summer session, 1925, 3,229: Men, 1,417; women, 1,812. Individual students in all branches of the University, 1925–26, 10,672: Men, 5,304;

women, 5,368. Total number of matriculates in the University since its foundation, 120,492.

Degrees conferred year ending June 15, 1926, 684. Total number degrees conferred since foundation, 11,401.

Fees: Service and maintenance fee, $20 for the long session and $10 for the summer session; student activity fee, $10.50; matriculation fee, $30; laboratory fees vary. Board and lodging varies from $175 to $310 for the long session. Annual expenses: Low, $360; liberal, $750.

Scholarships and fellowships of about $15,000 value awarded annually. Over $15,000 in loans annually.

Research funds appropriated annually by the Board of Regents to aid in research.

Employment bureau: In 1925–26, 62 per cent of men students and 20 per cent of the women students earned their way in whole or in part.

Dates of beginning and ending sessions: Autumn term begins September 21; Winter term, January 2; Spring term, March 18. Long session ends June 6.

Summer session: First term begins June 8; second term, July 21. Session ends August 31. All departments at Main University offer courses. Attendance, 1925: First term, 2,713; second term, 1,940. Net number individuals in summer session, 3,229.

Extension: Correspondence courses, 250; correspondence students, 3,963. Four extension teaching-centers, with a total of 232 students.

Publications: General catalog in May. President's Report in December. University Press.

Administrative officers: President, W. M. W. Splawn; Registrar, E. J. Mathews.

UNIVERSITY OF UTAH

SALT LAKE CITY, UTAH

State University. Coeducational.

Founded in 1850, about two and a half years after the arrival of the Utah Pioneers. University opened in November, 1850; but in 1851 instruction was discontinued and not resumed until 1867. Professional work in Education and later in Engineering, led to establishment in connection with the University of the State Schools of Education and of Mines and Engineering. Schools of Medicine, Law, and Commerce and Finance have been added.

Board of 14 Regents, 2 of whom are the Secretary of State and the President of the University. Other members appointed by Governor of State for 4-year terms.

Financial resources: State law provides that 64.43 per cent of 28 per cent of the State tax-levy for general purposes, shall be devoted to maintenance of the University. Special legislative appropriations are made for buildings and to supplement the maintenance funds. Certain funds are also derived from United States land grants to the State and from private gifts to the University. Total expenditures for the year ending June 30, 1926, $735,252. Total maintenance budget for 1926–27, $630,000. A campaign, started by students and faculty for a Student Union Building, has raised $240,000 in cash and pledges.

Grounds and buildings: Campus of 92 acres. Ground was gift of United States. Buildings worth more than $1,000,000 and equipment, $500,000.

Library: 85,000 volumes. Medical and Law Libraries have separate quarters.

Laboratories: Mining and metallurgical laboratories in separate buildings, which house the cooperative work of the University and the U. S. Bureau of Mines. Physics and Chemistry laboratories in Physical Science building; Zoology, Botany, and Geology laboratories in Museum Building; Business and Home Economics laboratories in Industrial Education Building.

Museums: Archæological and Art Museums in Park Building. Dinosaur collection in separate building. Geological and Biological museums in Museum Building.

Observatory (1916): 9-inch refractor.

Health program: Each student examined medically at entrance, and re-examined and advised as often as necessary. Gymnasium. Clinic, with college physician and nurse. Athletic field. Swimming pool. Physical education required of all Freshmen.

Admission requirements: 15 units, including English 3, History 1, Algebra and Ge-

ometry 2. Substitution of Physics for Geometry may be made by entrants to School of Education.

Degree requirements: For graduation, 183 quarter credit hours (200 in the School of Mines and Engineering). In the Schools of Arts and Sciences, Education, and Commerce and Finance, 13 hours must be in Mathematics and Physical Science, 13 in Biological Science, 13 in Language, 13 in Social Science; 4 must be in laboratory work in Physical or Biological Science; 45 must be earned in residence in three consecutive quarters; 45 of the 183 must be Senior college work. Grades must be such that the number of B credit hours, plus twice the number of A credit hours, shall be equal to, or greater than, the number of C credit hours. Not more than 60 credit hours may be from one department, but a major of from 36 to 45 hours is required. Additional prescriptions in School of Education. There are prescribed courses in the other professional schools. Prescribed courses in the School of Mines cover 4 years. Two years of prescribed work in Medicine follow 3 years of partially prescribed work in Arts and Sciences. The University does not offer the last 2 years of a medical course. Three years of prescribed work in Law follow 2 years of Arts and Sciences. Candidate for master's degree must present 45 quarter hours uninterrupted resident work, including a satisfactory thesis. 23 hours must be in one department of instruction. The degree of Mining Engineer, Electrical Engineer, Civil Engineer, Mechanical Engineer, Chemical Engineer, or Irrigation Engineer may be conferred upon graduates of the Schools of Mines and Engineering of the University of Utah who have spent after graduation at least 3 years in professional work, one of which must have been in a position of responsibility, and who present a satisfactory thesis.

Departments and Staff: Courses are offered in the following schools: Arts and Sciences, Education, Mines and Engineering, Medicine, Law, Commerce and Finance. The schools of the University are served by the following departments: Anatomy (Gross): *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Lecturers*, 0; *Instructors*, 0. Anatomy (Microscopic): 1, 0, 0, 0, 0. Ancient Languages: 1, 1, 0, 0, 1. Anthropology: 0, 0, 0, 1, 0. Art: 0, 0, 1, 0, 2. Bacteriology and Pathology: 1, 0, 0, 0, 2. Botany: 0, 0, 1, 0, 0. Business: 0, 1, 2, 1, 0. Chemistry: 1, 2, 1, 0, 0. Economics: 1, 1, 2, 0, 0. English: 4, 1, 3, 0, 7. Education: 3, 0, 1, 0, 20. Civil and Mechanical Engineering: 2, 2, 1, 0, 2. Geology and Mineralogy: 1, 2, 0, 0, 1. History and Political Science: 2, 1, 0, 0, 0. Home Economics: 0, 1, 2, 0, 2. Law: 1, 2, 0, 3, 0. Mathematics and Astronomy: 2, 1, 0, 0, 2. Metallurgy: 1, 0, 0, 0, 0. Military Science and Tactics: 1, 0, 4, 0, 0. Mining and Metallurgical Research: 0, 1, 0, 0, 0. Modern Languages: 1, 2, 0, 0, 7. Music: 1, 0, 0, 0, 0. Pharmacology: 1, 0, 0, 1, 0. Pharmacy: 0, 1, 0, 0, 0. Philosophy: 1, 0, 0, 0, 0. Physical Welfare: 1, 0, 2, 3, 4. Physics and Electrical Engineering: 2, 0, 0, 1, 3. Physiology and Physiological Chemistry: 1, 0, 0, 1, 0. Psychology: 0, 2, 0, 0, 1. Public Speaking: 1, 0, 0, 0, 4. Sociology and Social Technology: 2, 1, 0, 0, 0. Western History: 1, 0, 0, 0, 0. Zoology: 1, 1, 0, 0, 1.

Enrolment for year ending June 30, 1926: 2,910: Men, 1,621; women, 1,289. Graduate, 105: Men, 72; Women, 33. Arts and Sciences: 638: Men, 285; Women, 353. Education, 946: Men, 122; Women, 824. Mines and Engineering: Men, 414. Medicine, 187: Men, 181; women, 6. Law, 147: Men, 145; women, 2. Commerce and Finance, 473: Men, 402; women, 71. About 22,000 people have attended the University since its foundation.

Degrees conferred year ending June 30, 1926: 338: A.B., B.S., M.A., M.S., Mech. Engineer, Civil Engineer. About 6,000 degrees and certificates have been awarded since foundation.

Fees: Annual registration fee for resident students, $10. Registration fee for non-resident students, $35. Tuition fees: Schools of Education, Arts and Sciences, Mines and Engineering, and Commerce and Finance, $15 a quarter; School of Medicine, $40 a quarter; School of Law, $35 a quarter; Department of Pharmacy, $20 a quarter. General student body fee, $8.50. Laboratory fees from 50 cents to $3.50 a quarter.

Graduation fees, $5 to $15. Estimated annual expenses, including living expenses: Liberal, $600; low, $450.

Scholarships and fellowships: 5 fellowships in Metallurgical Research ($720 each); 2 in Mining ($350 a year each) for graduate students, preferably from mining schools. Occasional fellowships and assistantships in other departments for smaller amounts total about $20,000. 100 normal scholarships of $25 each are granted by the State Superintendent of Public Instruction to high school graduates of the State. Loans, $3,237.

Employment bureau: One fourth of students earn their way in part.

Dates of beginning and ending sessions: Autumn quarter begins 12 weeks before Christmas holidays. Winter and spring quarters follow without intermission. Both are 11 weeks long.

Summer session: Wednesday of week following close of spring quarter. Two terms of 6 weeks and 5½ weeks. In 1926, 25 departments offered 181 courses. Attendance in 1926, 893.

University extension: Courses in professional education and business offered both by extension and correspondence. Liberal arts courses for adults. Registrations, 1925–26, 2,859.

Publications: Catalog issued in July. President's Report biennially in November of even-numbered years. University Press.

Administrative officers: President, George Thomas; Deans: Mines and Engineering, Joseph F. Merrill; Education, Milton Bennion; Arts and Sciences, J. L. Gibson; Law, William H. Leary; Extension Division, F. W. Reynolds; Commerce and Finance, Thomas A. Beal; Medicine, R. O. Porter; Recorder of the Faculties, E. J. Norton. Officer in charge of foreign students, T. S. Parmelee, Secretary to the President.

UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE

BURLINGTON, VERMONT

Name for bequests: The University of Vermont.

State university: Colleges of Arts and Sciences, Engineering, Agriculture, and Medicine. Coeducational.

Founded in 1791. Chartered November 2, 1791. Instruction began 1800. Lecturer in Surgery appointed in 1807, but first full course of medical lectures not given until 1822. Courses in Civil Engineering have been given since 1829.

Board of Trustees consists of Governor and President of the University ex officio, 9 self-perpetuating trustees, 9 trustees elected by State Legislature. Self-perpetuating part of Board has 3 members nominated by the Alumni, one elected each year for 3 years.

Endowment: $1,672,541.67. Income from endowment, $69,407.76. Income from other sources, $747,856.72. Total income, $817,264.48. Total expenditures, $820,000. Gift of James B. Wilbur for the Ira Allen Chapel, $250,000. Budget, 1926–27, $498,385.01.

Grounds, 480 acres. Residence halls for men and women (225). Estimated value of buildings, grounds, and equipment, $5,000,000. Campus contains 75 acres.

Billings Library (1883), 120,000 volumes. Special collections: Vermont History; Civil War History; George P. Marsh Collection, Philology.

Laboratories: Williams Science Hall (1896): Chemistry, Physics, Botany, Zoology, Electrical Engineering. Morrill Hall (1907): Experiment Station Laboratories, Home Economics, Dairying, etc. Engineering Building (1891): Civil and Mechanical Engineering, Shops, etc. College of Medicine (1904): Medical Laboratories, Anatomy, Physiology, Chemistry, Histology, Embryology, etc.

Museum Building (1862): Cannon East Indian Collection.

Health program: Physical examinations required on admission. Mental hygiene lectures and consultation. Gymnasium (1900) and drill hall (1911). Athletic field. Two hospitals adjoin the University campus. Infirmary for women.

Admission requirements: 15 units, including English 3, Language 2, Algebra 1½. Plane Geometry 1, History 1. Additional entrance requirements vary according to curriculum chosen. 2 units condition in elective

subjects permitted, removed by sacrifice of College credit, this loss made up subsequent to first year.

Minimum degree requirements: 120 hours, not including certain extra-curriculum requirements. Three curricula in group elective system. Other curricula specialized.

Physical Education required of all students two years. Military Science required for two years.

Departments and Staff: College of Arts and Sciences: Anthropology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Art, History of: 3, 0, 1, 0. Applied Art: 0, 0, 0, 1. Astronomy: 0, 1, 0, 0. Biblical Literature: 0, 0, 0, 1. Botany: 2, 0, 2, 2. Chemistry: 3, 0, 3, 4. Economics and Commerce: 1, 0, 5, 3. Education: 4, 1, 3, 4. Elementary Education: 4, 1, 3, 4. English: 1, 1, 2, 6. French: 1, 1, 1, 4. Geology: 1, 0, 0, 0. German: 1, 0, 1, 0. Greek: 1, 0, 1, 0. History: 1, 0, 0, 2. Home Economics: 1, 0, 3, 2. Italian: 1, 0, 0, 1. Journalism: 0, 0, 0, 1. Latin: 1, 0, 3, 0. Mathematics: 1, 1, 1, 2. Military Science: 1, 0, 4, 0. Mineralogy: 1, 0, 0, 0. Music: 1, 0, 0, 2. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 1, 1. Physics: 1, 1, 0, 3. Physiology: 1, 0, 0, 0. Psychology: 1, 0, 3, 0. Public Speaking: 0, 0, 0, 2. Spanish: 1, 1, 1, 4. Sociology: 1, 0, 0, 0. Zoology: 1, 0, 3, 3. College of Medicine: 23, 2, 11, 19. College of Engineering: 7, 2, 7, 11. College of Agriculture: 11, 2, 9, 11.

Enrolment for year ending June 30, 1926: 1,197: Men, 710; woman, 487. Academic colleges (undergraduates): Men, 600; women, 399. College of Medicine: Men, 97; women, 8. State Teacher Training Students (2 years only): Men, 2; women, 76. Graduate students: Men, 11; women, 4.

Degrees conferred, year ending June 30, 1926: 170 Baccalaureate, 12 Master, 26 M.D. Number of degrees conferred since foundation, 3,784 Baccalaureate; 2,630 M.D.

Fees: Tuition, Arts and Sciences, Engineering and Agriculture, $112.50 a semester; Student activity fee, annually, $27.50; Vermont students in the College of Medicine, $112.50; non-residents, $150; fee for baccalaureate degree, $10; fee for Doctor's degree, $25. Board, $5 to $7 a week; lodging, $2 to $3 a week. Range of expenses: Low, $650; liberal, $900.

Scholarships: About 90 scholarships of about $50 each. 8 research fellowships of $700 and $750 a year.

Dates for beginning and ending sessions: Opening day is the Wednesday nearest September 15; Commencement, Monday following the Friday nearest June 15.

Summer session: July 5 to August 13, 1928. 18 departments offered 68 courses. Attendance, 711.

Catalog in March.

Administrative officers: President, Guy W. Bailey; Dean, College of Arts and Sciences, George H. Perkins; Dean, College of Agriculture, J. L. Hills; Dean of the College of Engineering, J. W. Votey; Dean, College of Medicine, J. N. Jenne; Registrar, F. W. Kehoe.

UNIVERSITY OF VIRGINIA

CHARLOTTESVILLE, VIRGINIA

Name for bequests: The Rector and Visitors of the University of Virginia.

State university. Women admitted only to graduate and professional courses.

Established in 1819 by act of Legislature of Virginia. Thomas Jefferson was first Rector; and he, virtually alone, prescribed the organization of the University. Until 1904, when the first President was elected, the chief administrative officer was the Chairman of the Faculty.

Corporation of 9 Visitors (3 of the 9 being selected from a list of nominees submitted by the General Alumni Association), appointed by the Governor of the State, together with the State Superintendent of Public Instruction and the President of the University, each ex officio. University comprises Schools so coordinated as to form two academic and four professional departments; College of Arts and Sciences, Department of Graduate Studies, Department of Education, Department of Engineering, Department of Law, Department of Medicine.

Endowment: $3,673,000. Annual income from endowment, $180,000; from State ap-

propriations, $373,000; from fees, $387,000; from miscellaneous sources, $311,000. Total $1,251,000.

Grounds and buildings: Grounds (494 acres), valued at $600,000. Value of buildings, $2,275,000. Value of equipment, $463,000. Total, $3,338,000. University is noteworthy for the beauty of its grounds and buildings. Original designs were made by Thomas Jefferson.

Library, 100,000 volumes; in addition departmental libraries.

Laboratories: Engineering, Chemistry, Physics, Biology, Geology, and Medical Sciences housed in separate buildings. General Hospital conducted by Department of Medicine (250 beds). Number of Pupil Nurses, 100.

Museums: Lewis Brooks Museum; Geological collections.

Observatory: Leander McCormick Observatory situated on Mount Jefferson. Principal building contains Clark refractor of 26 inches aperture.

Health program: Memorial Gymnasium (1924), cost $500,000. Athletic fields. Medical examination and 2 years' physical training required of all students.

Admission requirements: For College of Arts and Sciences: 15 units, including English 3, Mathematics 2½, History 1. For Departments of Education and Engineering, 15 units. Departments of Law and Medicine require a minimum of 2 years of prescribed college work.

Degree requirements: In College of Arts and Sciences degrees of A.B., B.S., B.S. in a Special Subject, B.S. in Architecture, and B.S. in Commerce require 4 years of work. In Department of Graduate Studies degrees of M.A. and M.S. require a minimum of one year of graduate work; degree of Ph.D. requires a minimum of 3 years. In Department of Education degree of B.S. in Education requires 4 years. In Department of Engineering degree of B.S. in Engineering requires 4 years; degrees of C.E., M.E., E.E., Ch.E., Mining E., require 5 years. In Department of Law degree of LL.B. requires 3 years. In Department of Medicine degree of B.S. in Medicine requires minimum of 2 years in Medical Department, preceded by rigid curriculum of 2 years' college work. Degree of M.D. requires 4 years.

Departments and Staff: Art and Archæology: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Astronomy: 1, 1, 0, 2. Biblical History and Literature: 1, 0, 0, 0. Biology: 2, 0, 1, 0. Botany: 1, 0, 0, 0. Chemistry: 2, 2, 3, 1. Economics: 6, 1, 2, 7. Education: 7, 4, 3, 2. English: 3, 1, 2, 4. Forestry: 1, 0, 0, 0. Geology: 2, 0, 1, 0. Germanic Languages: 1, 0, 0, 1. Greek: 1, 0, 0, 1. History: 2, 0, 1, 0. Latin: 1, 1, 0, 2. Mathematics: 4, 1, 1, 2. Music: 1, 1, 0, 1. Philosophy and Psychology: 4, 0, 0, 2. Physical Education: 1, 0, 2, 2. Political Science: 2, 0, 0, 0. Public Speaking: 0, 1, 0, 0. Romanic Languages: 4, 2, 0, 7. Sociology: 2, 1, 0, 1. Zoology: 1, 0, 1, 0. Department of Education: 11, 4, 3, 2. Department of Engineering: 20, 7, 10, 6. Department of Law: 5, 1, 1, 0. Department of Medicine: 14, 5, 9, 7. Graduate Department: 45, 15, 15, 0. See also Chapters V–VI.

Enrolment, January 1, 1926: 2,158: College of Arts and Sciences, 1,202; Department of Graduate Studies, 244; Department of Education, 85; Department of Engineering, 124; Department of Law, 262; Department of Medicine, 241.

Degrees conferred in 1926, 303.

Fees: Academic Departments: For Virginians, $50 a session; for non-Virginians, $250. Professional departments: For Virginians, from $50 to $230 a session; for non-Virginians, from $220 to $250.

Scholarships and fellowships: Approximately 200 scholarships and fellowships awarded annually. Numerous loan funds.

Research: In 1926 the university received a grant of $27,500 a year for 5 years from the Laura Spelman Rockefeller Memorial to encourage research in Social Sciences. The university publishes annually a summary of research by members of the faculty and advanced students in all departments.

Dates of beginning and ending sessions: Session begins Thursday preceding September 19, and continues for 39 weeks.

Summer session: Summer quarter divided into two terms, the first of 6 weeks; the sec-

ond of 5. In 1925 the faculty numbered 117 members; 2,212 students were enrolled.

Division of Extension has following Bureaus: Extension Teaching, High-school Relations, Publications, Lectures and Short Courses, Citizenship Education, Package Libraries.

Publications: "University of Virginia Record"; "University of Virginia Record, Extension Series"; "Virginia Quarterly Review"; "Alumni News"; "Virginia High-School Bulletin"; "Bulletin of University of Virginia Library" "Virginia Law Review"; "University of Virginia Journal of Engineering." Catalog in March. University Press.

Achievements of year ending June, 1926: Pledges amounting to $1,402,250 have been received for the erection of new buildings for Department of Medicine. General Education Board, Legislature of Virginia, Alumni Board of Trustees of University of Virginia Endowment Fund, and private individuals contributed to this fund.

Bibliographical reference: Philip Alexander Bruce, "History of the University of Virginia, 1819–1919," 5 vols. The Macmillan Company, New York.

Administrative officers: President, Edwin Anderson Alderman; Dean of the University and of the College, James Morris Page; Dean, Department of Graduate Studies, John Calvin Metcalf; Dean, Department of Law, William Minor Lile; Acting Dean, Department of Medicine, James Carroll Flippin; Dean, Department of Engineering, John Lloyd Newcomb; Dean, Department of Education, John Levi Manahan; Dean, Summer Quarter, Charles Gilmore Maphis; Dean of Women, Adelaide Douglas Simpson; Director of Extension, George Baskerville Zehmer; Registrar, Virginia Emma Moran.

UNIVERSITY OF WASHINGTON

SEATTLE, WASHINGTON

State University. Coeducational.

Established by legislature of Territory of Washington in January, 1861, on a 10-acre campus located in what is now the central business district of Seattle. Instruction continued on the old campus until 1895, when the University moved to its present location. A 47-year lease of the old site, executed in 1907, furnishes a part of the building fund that is providing housing for the University. This is supplemented by a portion of the student tuition fee, which is set aside for the building fund: $30 a student; approximately $180,000 a year. In 1911 the Legislature of the State enacted a millage law providing for the support of its institutions of higher education. This policy has been continued and the present maintenance for the University is provided from a fund raised from a tax of 1.47 mills upon the 1926 assessed valuation of the State. Recently the University has been assisted by private gifts, among which may be noted: Anderson Hall (Forestry), $260,000; the Henry Art Gallery and collection of paintings, $500,000; the Stadium, built from money collected by the Associated Students of the University of Washington, $500,000; the McDermott Memorial Fund for Medical Research, $100,000; the Denny fellowship funds for research students, amounting to $75,000; the Bailey and Babette Gatzert Foundation for Child Welfare of $30,000; and the Chimes, $15,000.

Board of 7 Regents, appointed by the Governor with the approval of the Senate.

The University comprises these colleges, schools, and divisions: College of Liberal Arts, College of Science, College of Business Administration, School of Education, College of Engineering, College of Fine Arts, College of Fisheries, College of Forestry, School of Journalism, School of Law, School of Library Science, College of Mines, College of Pharmacy, Graduate School, Extension Service, Engineering Experiment Station (including the Northwest Experiment Station of the United States Bureau of Mines), Bailey and Babette Gatzert Foundation for Child Welfare, the McDermott Foundation for Medical Research, and the Puget Sound Biological Station.

Endowment: $4,899,129. Income from endowment, $113,505. Receipts from millage, $1,273,829.34. Tuition and minor receipts, $146,235. Local fees, $138,187.92. Total annual expenditures, year ending June 30, 1926, $2,701,412.09. Gift from Horace

C. Henry, of Seattle, of an art collection and a permanent building to house the same, $500,000.

Grounds and buildings: The campus (582 acres, of which 109 acres are open water) is located on the north bank of the Government canal connecting Puget Sound with Lake Washington, four and one-half miles from the commercial center of Seattle. The College of Fisheries, the Naval Unit of the R. O. T. C., and the Department of Physical Education and Student Activities, make use of the water front. 40 buildings. The Puget Sound Biological Station is located at Friday Harbor in the San Juan Islands. It is open during the summer months to investigators and advanced students. Two residence halls for women (55 each). For men there are two temporary dormitories (125 each). The total value of grounds is $1,060,000. The total present worth of buildings (not including real estate investments) is $3,552,516.79. The total value of grounds, buildings, and equipment is $5,754,313.28.

Library: The main unit of the new building (cost $850,000) opened in Autumn, 1926. 160,000 volumes, including 20,000 Government documents; 1,000 current periodicals. Pacific Northwest History Collection.

Laboratories, including date of erection, present worth of building, and value of equipment: Aerodynamical Laboratory (1918), $3,988.40; $2,982.42. Bagley Hall (1909), $179,269.48; Chemistry equipment, $15,972.88; Pharmacy equipment, $5,387.33; Bagley Annex (1921), $2,781.91. Home Economics (1916), $139,203.37; $3,305.23. Hydraulics Laboratory (1921), $60,167.36; $9,863.45. Forest Products Laboratory (1921), $83,602.50; $6,177.81. Anderson Hall (1924), $258,747.56. Mines Laboratory (1923), $124,187.71; $20,835.80; Observatory (1895), $4,170.86; $581.34. Engineer Shops (1909), $49,195.16; $4,364.21. Science Hall (1902), $18,519.08, Bacteriology, Botany, Geology, Zoology equipment, $14,791.95. Fisheries Buildings (1924), $8,154.38; $11,653.90. Anatomy Laboratory (1921), $4,189.44; $4,107.60. Biological Station (1910–21), $63,937.48; $2,637.63. Total value of laboratories, $1,000,114.69; equipment, $102,661.55.

Museums: University museum at present housed in a building erected for Alaska-Yukon-Pacific Exposition: Archæology, Botany, Forestry, Geology, Mining, Zoology. Emmons Alaska Indian, the Esquimau, and the Phillipine Ethnological collections. Museum building under construction includes a separate wing for Fine Arts ($100,000). Paintings represent expenditure of $400,000. Weaver collection of fossils from South America represents expenditure of $300,000.

Observatory: 6-inch refractor and other equipment.

Health program: Health service maintained by Associated Students of the University of Washington from fees, collected annually. Ten per cent of gross collections set aside to assist in the conservation of student health. One full-time physician, one full-time nurse, and extra nurses and physicians as occasion demands. Medical examinations of entering students; dispensary; visiting nurse; and infirmary (35 beds). Gymnasium for men and another for women. Athletic fields. Stadium.

Admission requirements: 15 units, including English 3, and Mathematics 2. Of the remaining 10, 3 must be in one of the following groups: (A) Foreign Language; (B) History-Civics-Economics-Sociology; (C) Science. Additional specific subjects required: Liberal Arts, Science, and Fine Arts: 2 units of one Foreign Language; Business Administration: 2 units of History; Engineering and Mines: 1 unit of Mathematics, 1 unit of Physics, and ½ unit of shop-work; Forestry: ½ unit of Advanced Algebra, 1 unit of Physics. 10 units must be passed with marks above the lowest passing grades, meaning usually 80 per cent or better. Law School admits students only after passing the lower division (2 years) requirements of College of Liberal Arts, or 3 years work in other colleges, in addition to high school requirements. School of Journalism admits students from a Pre-Journalism course in the College of Liberal Arts at end of the Sophomore year. School of Library Science admits students at the beginning of Junior year of the Liberal Arts or Science Curricula.

Degree requirements: Quarter system.

190 quarter credits for graduation from first degree curricula. Of these, 10 required in Physical Education or Military (or Naval) Science. For continuance in University, students are required to pass with at least two-thirds of their grades above lowest passing grade. For graduation three-fourths of the student's hours must have such grades. Choice of studies limited in the main by the objective of each curriculum. In the College of Science a student is required to take at least 60 quarter credits in upper division courses, and 18 such credits must be in the major subject. In the College of Liberal Arts one-half of the credits offered in the major subject must be in upper division courses. In the School of Education at least 48 credits must be in upper division courses, while in the total credits for Bachelor's degree there must be included 35 credits in an academic major, 20 credits in an academic minor, and 25 credits in Education. In technological curricula courses are largely prescribed, with electives generally confined to the Junior and Senior years.

General requirements: The Naval Science units select 60 men each year from the Freshman class.

Departments and Staff: Liberal Arts: Anthropology: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Associates and Lecturers*, 0; *Instructors*, 1. Classical Language: 1, 1, 1, 1, 0. English: 4, 4, 1, 13, 1. German: 1, 0, 0, 2, 0. History: 2, 1, 2 3, 1. Liberal Arts: 1, 0, 0, 0, 0. Oriental Languages: 1, 0, 0, 1, 0. Philosophy: 1, 1, 0, 0, 1. Political Science: 1, 1, 1, 0, 1. Romanic Languages: 3, 2, 3, 2, 1. Scandinavian: 1, 0, 0, 0, 0. Sociology: 1, 1, 1, 3, 1. Science: Anatomy: 1, 0, 0, 0, 0. Astronomy: 0, 0, 0, 0, 1. Bacteriology: 1, 0, 1, 0, 0. Botany: 1, 1, 1, 0, 0. Chemistry: 3, 2, 1, 3, 3. Geology: 2, 0, 2, 0, 0. Home Economics: 1, 1, 2, 2, 2. Mathematics: 2, 2, 2, 4, 1. Nursing: 0, 0, 0, 1, 0. Physical Education (Men): 0, 1, 0, 0, 0. Physical Education: (Women): 1, 0, 0, 3, 1. Physics: 1, 1, 1, 1, 0. Psychology: 1, 1, 0, 0, 1. Zoology: 1, 0, 3, 0, 0. Engineering: Aeronautical: 1, 0, 0, 0, 0. Civil: 3, 1, 1, 0, 4. General Engineering: 0, 0, 2, 1, 7. Electrical: 3, 1, 0, 0, 4. Mechanical: 2, 1, 0, 0, 3. Shop: 0, 0, 1, 0, 0. Fine Arts: Architecture: 1, 0, 0, 0, 2. Dramatic Art: 0, 0, 1, 3, 0. Music: 1, 1, 3, 1, 3. Painting, Sculpture, Design: 0, 1, 0, 2, 3. Business Administration: 7, 4, 4, 6, 3. Education: 3, 0, 2, 2, 0. Fisheries: 1, 1, 1, 0, 2. Forestry: 3, 0, 1, 0, 0. Journalism: 1, 1, 1, 2, 1. Law: 1, 4, 0, 1, 0. Library Science: 1, 1; 0, 1, 1. Mines: 1, 1, 2, 0, 0. Pharmacy: 5, 2, 0, 1, 2. Including Assistants, Teaching Fellows, Readers, and Student Assistants, the entire staff numbers 408. Reduced to full-time teaching-units (1 unit equals a 15-hour a week load), this gives a total of 275 instructional units and 8.4 research and cooperative service units.

Enrolment year ending June 30, 1926: Graduate School, 452; Liberal Arts, 2,525; Science, 794; Business Administration, 1,264; Education, 164; Engineering, 746; Fine Arts, 696; Fisheries, 67; Forestry, 176; Journalism, 48; Law, 98; Library Science, 40; Mines, 44; Pharmacy, 146. Total, 7,620: Men, 4,243; women, 3,017. Total students in residence: During regular academic year, 7,260; during summer quarter, 2,489. Total, omitting duplicates, 9,261. Total Extension students, 4,679. Total number of matriculates since foundation (1861), 104,791.

Degrees conferred year ending June 30, 1926: B.A. in Dramatic Art, 3; B.A. in Education, 121; B.A. (Journalism), 15; B.A. in Music, 7; B. of M., 34; B.F.A., 32; B. Arch., 2; B.B.A., 134; B.S., 40; B.S. in Anatomy, 2; B.S. in Education, 13; B.S. in Geology, 2; B.S. in Library Science, 37; B.S. in Home Economics, 34; B.S. in Nursing, 5; B.S. in Physical Education, 10; B.S. in Chem. Eng., 19; B.S. in C.E., 18; B.S. in E.E., 36; B.S. in M.E., 18; B.S. in Eng., 10; B.S. in Math., 2; B.S. in Met.E., 1; B.S. in Geology and Mining, 3; B.S. in Ceramics, 3; B.S. (Mines), 2; B.S. in Forestry, 17; B.S. in Fisheries, 2; B.S. in Chem., 4; B.S. in Pharmacy, 9; B.S. in Zoology, 7; LL.B., 43; Ph.C., 24; M.A., 70; M.B.A., 1; M.F., 3; M.S., 21; M.S. in C.E., 1; M.S. in Ceramics, 1; M.S. in E.E., 1; M.S. in M.E., 2; M.S. in Mining Engineering, 1; M.S. in Fisheries, 1; M.S. in Food Preservation, 1; M.S. in Pharmacy, 1; Ph.D., 5. Total number of degrees con-

ferred since foundation of the University: 9,854: Bachelor degrees, 9,034; Graduate degrees, 820.

Fees: Graduation or diploma fee, $5. Tuition, for residents of Washington and Alaska, $15 a quarter; non-residents, $50 a quarter. Laboratory fees, $2 to $7.50 a quarter. In Law School students are required to pay an additional fee of $10 a quarter for support of Law Library. Room and board in dormitories, $32 a month. Students' necessary annual expenses: Liberal, $750; low, $500.

Scholarships and fellowships: More than 20 fellowships ($500 to $720 annually) and numerous graduate scholarships. Numerous scholarships in colleges ($75 to $250). Several loan funds.

Research funds: Alice McDermott Memorial Fund for research in tuberculosis and cancer, $100,000; Babette Gatzert Foundation for Child Welfare, $30,000; Loretta Denny Graduate Fellowships, $25,000; Arthur A. Denny Fellowships in Civil Engineering, English, Education, History, Pharmacy, and Mining Engineering, $50,000. Annual Fellowships: Nutrition, $600; Textile (2), $600 each; Chemistry, $700.

Employment bureau: During the year 1925–26, 33 per cent of the men and 14 per cent of the women were entirely self-supporting; 53 per cent of the men and 23 per cent of the women were partially self-supporting. A total of 25 per cent of the men and women are entirely self-supporting, and 41 per cent partially self-supporting; making a total of 66 per cent of the students of the University either entirely or partially self-supporting, and 34 per cent non-self-supporting.

Bureau of appointments: Through this office members of the faculty of the University watch the success or failure of their own students and are guided in future plans by actual experience in meeting the demands of the State. During the year ending June 30, 1925, the Bureau placed 567 graduates in the educational field at an average salary of $1,666, and 186 in the commercial field at an average salary of $1,254.

The University calendar, 1927–28: Autumn quarter, October 3 to December 20, 1927. Winter quarter, January 3 to March 16, 1928. Spring quarter, March 26 to June 8, 1928. Summer quarter, June 12 to August 22, 1928.

Summer session: The Summer quarter is an integral part of the university year, and its courses coordinate with the other quarters.

University extension: Enrolment, 1925–26: Evening class, 3,157; home study, 1,522.

Publications: Bulletin annually. Biennial Report of Board of Regents in January, 1927. University of Washington Publications: Puget Sound Biological Station Series, 3 volumes; Anthropology, 4 titles; Botany, 1 title; Fisheries, 9 titles; Geology, 4 titles; Language and Literature, 8 volumes; Mathematics, 3 titles; the Social Sciences, 3 titles; the University of Washington Engineering Experiment Station Series, 3 volumes, 39 titles; the "Washington Historical Quarterly"; the "Washington Newspaper" (published each month for the newspaper profession of the State); the "University of Washington Bulletin, General Series," including the bulletins of the various colleges and schools, the General Catalog, the "Summer Quarter Bulletin," and the "University Directory," each of which is published annually.

Achievements of year ending June 30, 1926: The Legislature granted the new millage rate of 1.47, in place of the former millage of 1.10.

Administrative officers: President, M. L. Spencer; Dean of Faculties, David Thomson; Registrar, Edward Bicknell Stevens; Dean of Men, James Edward Gould; Dean of Women, Winnifred Sunderlin Haggett; Dean of the Faculty of Fine Arts, Irving Mackey Glen; Dean of the Faculty of Letters, David Thomson; Dean of the Faculty of Science, Henry Landes; Dean of the Faculty of Social Science, Charles Emanuel Martin; Dean of the Faculty of Technology, Carl Edward Magnusson; Dean, College of Liberal Arts, David Thomson; Dean, College of Science, Henry Landes; Dean, College of Business Administration, Howard Thompson Lewis; Dean, School of Education, Frederick Elmer Bolton; Dean, College of Engineering, Carl Edward Magnusson; Dean, College of Fine Arts, Irving Mackey

Glen; Dean, College of Fisheries, John Nathan Cobb; Dean, College of Forestry, Hugo Winkenwerder; Dean, School of Journalism, ——; Dean, School of Law, Alfred John Schweppe; Dean, Library School, William Elmer Henry; Dean, College of Mines, Milnor Roberts; Dean, College of Pharmacy, Charles Willis Johnson; Dean, Graduate School, Frederick Morgan Padelford.

UNIVERSITY OF WEST VIRGINIA

See: West Virginia University.

UNIVERSITY OF WICHITA

See: Municipal University of Wichita.

UNIVERSITY OF WISCONSIN

MADISON, WISCONSIN

State University for men and women.

In 1836, the first year of the territory of Wisconsin, steps toward the establishment of a university were taken by the Territorial Legislature. In 1839, the National Congress granted to the territory two townships of public land "for the use and support of a university"; and in 1848, when Wisconsin was applying for admission to statehood, provisions for the university were written into the Constitution. The State was admitted May 29, 1848; the necessary legislative acts providing for the organization of the University were approved July 26 of the same year; and the first Board of Regents met at Madison in October, 1849. Opened in February, 1849.

Board of Regents, appointed by the Governor of the State; one member from each of the 11 Congressional Districts, and 6 from the State-at-large, of whom 2 are farmers and 2 are from the manual trades. At least 2 of the members are women, and the President of the University and the Superintendent of Public Instruction are ex officio members of the Board.

Grounds and buildings: Total value of grounds (1,100 acres): $6,995,474. Total present worth of buildings: $8,336,950. Total value of grounds, buildings, and equipment: $18,797,779.

Library (1900): 349,000 volumes; 62,000 pamphlets; 4,000 current periodicals. Special collections: History (European and Asiatic, French Colonial, Spanish, Latin American History and Politics), Political Science, Philosophy, Economics. Law School, 36,000 volumes. Special collection: Old English Treatises on Legal Subjects. Library of the Wisconsin Historical Society, 242,000 volumes; 262,000 pamphlets. Western History. Newspaper and periodical collections from all sections of the country from later Colonial period to present. Draper collection of manuscripts. Colonial and Revolutionary period in Virginia, the Carolinas, Georgia, Kentucky, Tennessee and Northwest. Slavery, Civil War, Western Economic History. Tank Collection of Dutch History and Institutions. Schlueter Collection relating to early history of socialistic movements in Germany and the United States. Walling Collection dealing with modern European socialism and social problems. Hill Library of Transportation. Lloyd Collection. Irish Literature, History and Institutions, especially Land Tenure. Library of Wisconsin Academy of Arts and Letters, 5,000 volumes, chiefly reports and transactions of learned societies. State Law Library, 80,000 volumes. Legislative Reference Library, 50,000 books, pamphlets, and collections of clippings. The Madison Free Library. These libraries duplicate books only to supply exceptional demands, and have an effective strength approximately equal to the whole number of volumes possessed by them. The total number of bound volumes in all the libraries is about 735,000 and the number of pamphlets exceeds 376,000.

Laboratories: Agricultural Laboratory Buildings: Agricultural Hall (1902): Present worth, $275,000; value of equipment, $131,442. Agricultural Chemistry Building (1913): $125,000; $52,206. Agricultural Engineering Building (1907): $65,000; $23,940. Agronomy Building (1907): $50,000; $12,408. Economic Entomology Greenhouse (1924): $5,200; $77. Genetics Building: $7,000; $5,527. Greenhouses and Potting Houses (1913): $60,000; $10,629. Horticulture Building (1910): $90,000; $36,-

958. Serum Laboratory (1916): $9,000; $1,052. Soils Building (1894): $120,000; $28,761. Soils Greenhouse (1917): $10,000; $639. Home Economics Building (1913): $150,000; $63,822. Practice Cottage (1911): $7,000; $3,083. Engineering Laboratory Buildings: Chemical Engineering Building: (1888): $72,000; $38,880. Engineering Building (1901): $250,000; $197,163. Hydraulic Laboratory Building (1906): $50,000; $16,341. Machine Shops (1888): $90,000; $126,082. Materials Testing Laboratory (1924): $3,700. Mining Laboratory (1888): $23,000; $36,470. Randall Shops (1920): $65,000; $33,518. Letters and Science Laboratory Buildings: Applied Arts Laboratory, $6,000; $4,750. Biology Building (1910): $310,000; $151,085. Chemistry Building (1905): $330,000; $245,641. Science Hall (Geology and Medicine) (1888): $400,000; $152,519. Sterling Hall (Physics) (1916): $275,000; $153,297.

Museums: The museums of the University are principally illustrative collections for use in connection with the work of instruction in the various departments. Worthy of special mention are the collection of chemical products; the extensive drug collection of the Pharmacy Department; the herbarium of Wisconsin flowering plants, fleshy fungi, and mosses; Geological Museum, containing very extensive collections of minerals, rocks, ores, and fossils, including thin sections; and Department of Art History and Criticism. Museum of the State Historical Society makes a speciality of the archæology and social history of the western Indians and of western pioneer life, especially in Wisconsin, and is notable for its collections illustrating the early history of the upper Mississippi valley.

Washburn Observatory: Equatorially mounted Clark and Sons telescope of 40 centimeters aperture and other equipment.

Health program: Upon admission to the University, a medical examination is required of each student. Based on the findings of these examinations, special recommendations are made to the Dean of the student's college and to the Divisions of Physical Education and Military Science to safeguard the interests and health of the individual. Ambulatory Clinic. Student Infirmary. Mens' gymnasium and annex (1894), valued at $300,000. Boat and Canoe House (1903): $20,000. Stadium (1918): $75,000. Athletic fields.

Admission requirements: 15 units including English 3, Algebra 1, Geometry 1, Science or History 2, or Foreign Language 2. Electives must be chosen from specified groups. For admission to Short Course and Dairy Courses in College of Agriculture students must be 16 years of age and have had a good common school education. Candidates for Winter Dairy Course must have had at least six months' experience in a creamery or cheese factory before being admitted. Candidates for admission to Law School are required to present equivalent of 2 full years of work in College of Letters and Science. For Medical School: 2 full years' work in College of Letters and Science, including special subjects prescribed for Medical Science Course. Admission by certificate from approved schools or by examination. Adults over 21 years of age not candidates for degrees may be admitted as special students.

Degree requirements: *College of Letters and Science*: For A.B. and Ph.B. (General Course): 120 credit hours and 120 grade points. Major. Thesis. Certain Group requirements for each degree. For B.S. in Chemistry: 130 credits and 130 grade points. Thesis. Optional major field. For B.S., Chemistry-Commerce Course: 132 credits of which not more than 14 must be in courses in commerce. Thesis by students who have 50 per cent more grade points than credit hours at close of junior year. For B.A. in Commerce: Prescribed course first 2 years. Certain electives junior and senior year. 132 credits. Thesis by students who have 50 per cent more grade points than credit hours at close of Junior year. For B.A. in Humanities: 120 credits and 120 grade points. Certain required subjects and a recommended sequence. For B.A. in Journalism: 120 credits and 120 grade points, including 24 credits in journalism. Group requirements. Thesis. For degree of Graduate in Pharmacy: Prescribed course of 3 years. For B.S. in Pharmacy: Prescribed

course of 4 years. *College of Engineering:* For B.S. in Civil Engineering, Mechanical Engineering, Electrical Engineering, Chemical Engineering, Mining Engineering: 4 years of prescribed work. Thesis. 5-year course permits additional cultural studies. For C.E., M.E., E.E., Chem.E., Min.E., Met.E.: Candidates must be graduates of College of Engineering of University of Wisconsin and have spent 5 years in professional work, at least 1 of which must have been in a position of responsibility, and present a satisfactory thesis. By arranging their elective studies, students in the College of Letters and Science may secure the B.A. at the end of 4 years and B.S. in Engineering in 2 additional years. All engineering students required to take summer vacation work in addition to regular work of the 4 academic years. Inspection trips for visiting industrial plants required of Junior and Senior engineering students. *College of Agriculture*: For B.S. in Agriculture: 133 credits and 133 grade points. One of 2 separate curriculums. Major. For title of Graduate in Architecture: 66 credits and 66 grade points. Major. For B.S. in Home Economics: 120 grade points and 120 credits. 124 credits for teachers certificate. Certain prescribed courses. Major. Thesis. *School of Law:* For LL.B.: 74 credits with average of C or better. Clerkship of not less than 6 months in law office. *School of Medicine:* For M.D.: 4-year prescribed course. *School of Nursing*: Title of Graduate Nurse: 3-year prescribed course.

General requirements: Freshman and Sophomore women required to take 3 hours physical training a week for 4 semesters. Male Freshmen and Sophomores required to take 3 hours a week of either physical training or military science for a total of 4 semesters.

Departments and Staff: College of Letters and Science: *Professors*, 77; *Associate Professors*, 53; *Assistant Professors*, 61; *Instructors*, 132. College of Agriculture: 40, 21, 30, 92. College of Engineering: 16, 8, 13, 48. School of Medicine: 22, 9, 11, 28. School of Music: 3, 3, 2, 7. School of Law: 5, 0, 3, 1. School of Nursing: 1, 0, 0, 3. School of Library: 0, 0, 2, 7. Extension Division: 6, 4, 21, 24. Totals: 170, 98, 143, 342. Other members of faculty total 421.

Enrolment for year ending June 30, 1926: College of Letters and Science: 6,222: Men, 3,489; women, 2,733. College of Engineering: 987: Men, 984; women, 3. College of Agriculture: 1,154: Men, 277; women, 877. Law School: 261: Men, 250; women, 11. School of Medicine: 223: Men, 197; women, 26. School of Music: 138: Men, 16; women, 122. School of Nursing: Women, 52. Library School: Women, 36. Net totals, less duplicates: 8,331: Men, 5,083; women, 3,248. See also Chapters V–VI.

Degrees conferred year ending June 30, 1926: 1,753: B.A., 736; Ph.B., 112; B.S., 402; LL.B., 49; B.Mus., 16; Ph.G., 13; Master's Degrees, 333; Engineers, 10; Ph.D., 77. Honorary Degrees, 6. Total number degrees conferred since foundation: 27,437.

Fees: No tuition charged to residents of Wisconsin except in Library School and Wisconsin High School; a fee of $62 a semester is charged students who are non-residents. Incidental fee charged each student, $15.50 a semester. Library deposit, $2. Laboratory fee, $1–$100 according to course. Gymnasium fees: $13 (women), $9 (men). Board, $225 to $325. Laundry, $10 (if mailed home) to $75. Sundry personal expenses, $50 to $300. Room rent $150 (men); $120 to $150 (women). Annual expenses, not including clothing, railroad fare, non-resident tuition fee, nor university charges, $375 to $925.

Some 70 fellowships and 125 scholarships available, varying from $100 to $3,200.

Research funds of $30,000 allotted annually. In 1925–26 grants were made for the support of 50 projects.

33⅓ per cent of students partially earned their way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: First semester 1927–28, September 15 to January 23. Second semester, 1927–28, February 2 to June 15.

Summer session: Law school, June 22, 1925 to August 28, 1925. All other schools,

June 29, 1925 to August 7, 1925. 149 departments offered 438 courses. Attendance, 1925, 5,015.

University extension: Special students, 185. Evening classes, 6,133.

Publications: "University of Wisconsin Studies," bi-monthly. "Bulletin of the University of Wisconsin" includes annual catalogue, announcements of the various schools, etc. Publications of Washburn Observatory; Agricultural Experiment Station, bulletins and annual reports; "Wisconsin Farmers' Institute Bulletin."

Achievements of the year ending June 30, 1926: Voted in 1925–26 to establish an Experimental College in the College of Letters and Science. Voted in 1925–26 to establish a School of Commerce with 1 year of graduate work, to be started in 1927–28. College of Agriculture voted to establish a common freshman year with specializing by departments in the second year. Establishment of a 4-year medical course, granting M.D. degree.

Administrative officers: President, Glenn Frank. Dean of Men, Scott H. Goodnight. Dean of Women, F. Louise Nardin. Dean, College of Letters and Science, George C. Sellery. Dean, College of Engineering, Frederick E. Turneaure. Dean, College of Agriculture, Harry L. Russell. Dean, Law School, Harry S. Richards. Dean, Medical School, Charles R. Bardeen. Acting Dean, Extension Division, Chester D. Snell. Acting Registrar, Charles A. Smith. Officer in charge of foreign students, Professor C. D. Cool.

UNIVERSITY OF WYOMING

LARAMIE, WYOMING

State University. Coeducational.

Founded in 1886. An Act of Congress, approved on February 18, 1881, gave to the Territory of Wyoming 46,080 acres of vacant governmental land in Wyoming. In 1886 Territorial Legislature authorized the Governor to appoint a Commission to select these lands. March 4, 1886, the ninth Territorial Legislature passed an Act authorizing organization of a University. In 1887 the University opened.

Board of 9 Trustees named by the Governor of the State. Governor, State Superintendent of Public Instruction, and President of the University, ex officio members. The University consists of 5 Colleges: Liberal Arts, Agriculture, Engineering, Education, and Law.

Endowment, June 30, 1926: $1,796,486.-23. Income from endowment for the year, $84,539.03. Income from other sources, State Aid, $380,700.14; Federal appropriations, $124,399.74; Federal Oil royalties, $268,248.29; Local collections, $157,947.84. Total annual expenditures year ending June 30, 1926, $955,227.52. Budget, 1926–27, $1,013,855.67.

Buildings and grounds: Campus, 96 acres; 1,111 acres in two university experimental farms. Two residence halls for women (200). Total value of grounds, $218,-000. Present worth of buildings, including farms, $2,140,000. Total value of grounds, buildings, and equipment, $2,527,000.

Library (1924), 58,000 volumes. Cost, $200,000.

Laboratories: Chemistry, Bacteriology, Wool, Zoology, and Agronomy laboratories in Agricultural Hall. Physics and Botany laboratories in Engineering Hall. Engineering laboratories and Engineering Shops Building.

Museums: Geology and Paleontology Museum in Science Hall. Rocky Mountain Herbarium.

Health program: Gymnasium-Armory (1925). Swimming-pool. Five full-time Faculty members and 2 full-time coaches. Medical examination of Freshmen required. Two years physical education required.

Admission requirements: 15 units, including English 3, Foreign Language 2, Social Science 2, Mathematics 2, Science 6. Conditional admission on completion of 13 units, conditions to be removed within a year.

Degree requirements: For Bachelor's degree, completion of 189 quarter credit hours in all Colleges of University. In College of Liberal Arts work is largely elective, restricted only by major, minor, and group requirements; in other Colleges courses are prescribed. Division of Commerce requires thesis. For Master's degree, 45 quarter

credit hours, beyond the Bachelor's degree requirement, 15 hours of which is for thesis based on research.

General requirements: Two years military training required of all men.

Departments and Staff: Liberal Arts: Botany: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Chemistry: 1, 2, 0, 2. English: 2, 0, 0, 6. Geology: 1, 0, 0, 1. History: 1, 0, 1, 0. Latin and Greek: 1, 0, 0, 0. Mathematics: 1, 1, 0, 2. Modern Languages: 1, 0, 1, 3. Philosophy and Psychology: 1, 0, 1, 0. Physics: 1, 0, 0, 1. Political Economy: 1, 0, 0, 1. Political Science: 1, 0, 0, 1. Zoology and Physiology: 1, 0, 0, 3. Commerce: 2, 0, 1, 1. Music: 1, 1, 0, 3. *College of Agriculture:* Agronomy: 1, 0, 1, 2. Animal Husbandry: 1, 0, 1, 2. Wool: 1, 0, 1, 0. Home Economics: 1, 0, 1, 2. Veterinary Science: 1, 0, 1, 0. *College of Engineering:* Civil Engineering: 1, 0, 0, 1. Electrical Engineering: 0, 1, 0, 0. Mechanical Engineering: 1, 0, 0, 1. Mining Engineering: 1, 0, 0, 0. *College of Education:* Secondary and Administrative: 4, 0, 3, 3. Elementary: 1, 0, 0, 7. Rural: 0, 0, 1, 1. Art: 0, 1, 0, 1. *College of Law:* 1, 1, 1, 2. Military Training: 1, 0, 1, 2. Physical Education: 1, 1, 0, 6.

Enrolment, 1925–26: Liberal Arts, 558: Men, 314; women, 244. Agriculture, 112: Men, 66; women, 46. Engineering: Men, 140. Education, 169: Men, 23; women, 146. Law: Men, 22. Nurses: Women, 6. Secretarial Training School, 133: Men, 48; women, 85. Total, 1,140: Men, 613; women, 527.

Summer session, 1926: First term, 771; Men, 143; women, 628. Second term, 412: Men, 83; women, 329. Sheridan Branch, 195.

Degrees conferred 1925–26, 99. Degrees conferred since foundation, 707: M.A., 32; M.S., 3; B.A., 388; B.S., 211; B.C.S., 27; B.Lit. (degree no longer conferred), 8; B. Dietetics (degree no longer conferred), 14; Ph.B. (degree no longer conferred), 1; B. Mus., 15; LL.B., 8.

Fees: University fees, $37.50 a year. Matriculation, $2. Diploma fee, $5. Laboratory fees, $2 to $4. Cost of board and room, $337.50 to $450 a year.

98 high-school scholarships. Loan fund, into which each student pays $3.

Research: Agricultural experiment station. Agricultural Research as provided for under Hatch, Adams, Morrill, and Purnell Acts.

Employment bureau: Approximately 75 per cent of students are partially self-supporting.

Dates: Autumn quarter opens just after middle of September, in time to provide a 13-week quarter before Christmas recess. Winter and Spring quarters are 11 weeks each. Commencement, last Tuesday of Spring quarter.

Summer quarter opens immediately after close of Spring quarter, and continues for 11 weeks. Students may attend either 5½ or 11 weeks. Work offered in all colleges except Law School. Attendance, 1925: First session, 847; second session, 445. Newcastle Branch session, 108. Total, less duplicates, 1,125.

Publications: University Catalog in April. Eight bulletins issued each year, including report of President.

Achievements of year ending June 30, 1926: Freshmen Week instituted. Engineering building begun.

Administrative officers: President, Arthur G. Crane; Vice-President and Dean of the College of Liberal Arts, Justus F. Soule; Dean, College of Education and Director of Summer Quarter, Charles R. Maxwell; Registrar, Ralph E. McWhinnie.

URSINUS COLLEGE

COLLEGEVILLE, PENNSYLVANIA

College of Arts and Sciences, for men and women. Privately controlled. Affiliated with the Reformed Church in the United States.

Todd's School opened 1832; Freeland Seminary, 1848; Ursinus College chartered by the State of Pennsylvania February 5, 1869, pursuant to a movement originated in 1868. Named for Zacharias Ursinus.

Self-perpetuating Board of Directors.

Endowment, $315,016.29. Income from endowment, $14,084.94. Income from other sources, $240,727.60. Total annual expendi-

tures year ending June 30, 1926, $234,200.48. Budget, 1926–27, $98,994.05.

Grounds and buildings: Total value of grounds: $101,665.27. Total present worth of buildings, $495,844.67. Total value of grounds, buildings, and equipment, $707,-796.98.

Library (1924), 20,000 volumes, including 2,000 Government documents; 57 current periodicals.

Laboratories for Biology, Chemistry, and Physics. Value of laboratory equipment: Biology, $2,500; Chemistry, $17,836; Physics, $2,000.

Health program: Dispensary and infirmaries for men and women. Attending physician and resident nurse. Health examination of all students at entrance. Physical training prescribed for all students.

Admission requirements: For A.B.: English, 3, Latin 3, other Foreign Languages 2, History 1, Algebra 1.5, Plane Geometry 1, Elective 3.5 units. For B.S.: English 3, Foreign Languages 3, History 1, Algebra 1.5, Physics or Chemistry 1, additional Science or Mathematics 1, Electives 3.5. Conditions allowed to extent of 2.5 units, but not more than one of these may be in any one subject. One year allowed for removal.

Degree requirements: 128 semester hours, including 4 in Physical Training.

General requirements: Chapel attendance required. Women students must reside in college buildings. All students must take meals in college dining-room.

Departments and Staff: Biology: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 2. Chemistry: 1, 1, 0. Church History: 1, 0, 0. Economics: 1, 0, 0. Education: 1, 0, 0. English: 1, 2, 0. Expression: 0, 0, 1. English Bible: 1, 0, 1. French: 1, 0, 0. Geology: 1, 0, 0. German: 1, 0, 0. Greek: 1, 0, 0. History: 1, 0, 0. Political Science: 1, 0, 0. Latin: 1, 0, 0. Mathematics: 1, 0, 0. Music: 0, 0, 2. Philosophy: 1, 1, 0. Physical Training: 0, 0, 2. Psychology: 1, 0, 0. Physics: 0, 1, 0. Spanish: 0, 0, 1.

Enrolment for year ending June 30, 1925, 315.

Degrees conferred year ending June 30, 1926, 51. Total number of degrees conferred since foundation, 1,017: A.B., 897; B.S., 120.

Fees: Annual fee, $250; laboratory fee, $5 to $20 a year; room rent, $100 a year; board, $200 a year. Annual expenses, $600 to $750.

Scholarships: 5 scholarships ($250 each). 38 endowed scholarships.

Employment bureau: 22 per cent of students earned way in part.

Dates: First semester begins September 20, 1927; ends February 6, 1928. Second semester begins February 7; ends June 14, 1928.

Publications: "Ursinus Bulletin" (quarterly). Catalog in March. President's Report in December.

Achievements of year ending June 30, 1926: $285,000 subscribed toward a campaign fund.

Administrative officers: President, George L. Omwake; Dean, Whorten A. Kline; Dean of Women, Elizabeth Brett White.

UTAH AGRICULTURAL COLLEGE

LOGAN, UTAH

Land grant college for men and women.

Founded by legislative act March 8, 1888, when Territorial legislature accepted terms of Act of Congress July 2, 1862. Opened, 1890.

Board of Trustees consists of 13 members, 12 appointed by Governor of State and approved by State Senate, and Secretary of State ex officio. Extension Division, Experiment Station, and Interior Instruction. Schools of (1) Agriculture, (2) Home Economics, (3) Agricultural Engineering and Mechanic Arts, (4) Commerce and Business Administration, and (5) Basic Arts and Science.

Financial resources, year ending June 30, 1926, $546,445: Agricultural Experiment Station, $134,623; Extension Division, $77,-255; College proper, Interior Instruction, $334,567. Above figures do not include merchandising departments. Actual total annual disbursements of all departments, $812,576.

Grounds and buildings: College proper (187 acres) and Agricultural Experiment

Station (357 acres) valued at $101,300. In addition, 266 acres leased for experimental work. Value of buildings and fixed equipment, not including apparatus, $1,183,200. Total value of grounds, buildings, equipment, and live stock, $1,884,500.

Library, 40,000 volumes; 66,018 pamphlets.

Laboratories: Value of buildings: Science Building (1915), $100,000; Animal Husbandry (1917), $100,000; Plant Industry (1919), $150,000; Engineering (1918), $100,000; Mechanic Arts (1905), $50,000. Total value of equipment and live stock, $600,000.

Health program: College physician. Clinic. Medical inspection of all students.

Admission requirements: Graduation from an accredited high school. 15 units, including English 3, Algebra 1, Geometry 1, Social Science 1, Natural Science 1.

Degree requirements: 180 hours, of which 54 must be Senior college work. Major, 30 hours, minor in same school as major, 18; Biological Science, 12 to 18; exact science, 12 to 18; language group, 12 to 24; Social Science, 9 to 18; special group, assigned by the Dean, 18; electives, 36. Four-fifths of grades must be "C" or better. "D" is a passing grade.

General requirements: 2 years physical education for men and women. 2 years military training for men. Weekly chapel attendance.

Departments and Staff: Agricultural Economics and Marketing: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Agronomy: 1, 3, 1, 1. Animal Husbandry: 2, 0, 1, 0. Art: 1, 0, 0, 1. Bacteriology and Physiology: 1, 0, 2, 0. Botany: 1, 1, 1, 1. Business Administration and Accounting: 4, 1, 1, 1. Chemistry: 1, 2, 0, 0. Dairy Husbandry: 1, 0, 0, 1. Economics and Sociology: 3, 2, 0, 1. Education and Psychology: 4, 1, 2, 1. English and Speech: 2, 0, 3, 2. Geology: 1, 0, 0, 1. History: 1, 0, 0, 0. Horticulture: 0, 0, 1, 1. Mathematics: 1, 1, 3, 0. Military Science: 1, 0, 1, 2. Modern Languages and Latin: 1, 0, 0, 1. Music: 1, 0, 1, 0. Physical Education: 0, 3, 0, 1. Physics: 2, 0, 1, 0. Political Science: 2, 0, 0, 0. Poultry Husbandry: 0, 1, 0, 1. Veterinary Science: 1, 0, 0, 0. Zoology and Entomology: 2, 0, 0, 0. School of Agricultural Engineering: 6, 3, 1, 0. School of Mechanic Arts: 0, 3, 1, 2. School of Home Economics: 4, 0, 2, 1.

Enrolment, year ending June 30, 1926: 940: Agriculture: Men, 129; Agricultural Engineering and Mechanic Arts: Men, 94; Basic Arts and Sciences: Men, 215; women, 195; Commerce: Men, 165; women, 42; Home Economics: Women, 100. Summer Quarter: 795. Total (excluding duplicates): 1,715.

Degrees conferred year ending June 30, 1926: 132: M.A., 10; B.S., 122. Total number of degrees conferred since foundation: 1,403: M.A., 37; B.S., 1,362: LL.D., 2.

Fees: Annual (3 quarters) fees: Registration fee for residents of Utah, $10; for students from other States, $35. Tuition, $27. Library, $3. Gymnasium, $3. Student Body, $15. Annual expenses: Liberal, $544; low, $369.

Scholarships: 3 of $100 each.

Employment: 15 per cent of students earned their way through college.

Dates of beginning and ending sessions: September 26, 1927 to June 2, 1928.

Summer session: June 11 to August 24, 1928. 177 courses offered in 1926. Attendance, 1925: 795.

University extension: Correspondence courses, 472 students; extension classes, 217 students. In addition, institution spends $77,000 through County Agricultural Agents and Home Demonstration Agents, reaching 24,136 individuals in the State.

Catalog in July.

Achievements of year ending June 30, 1926: Brigham Young College gift of $25,000 library. $10,000 citizens' fund for development of Summer School.

Administrative officers: President, Elmer G. Peterson; Dean of the Faculty, Franklin L. West; Dean, Schools of Agricultural Engineering and Mechanic Arts, Ray B. West; Dean, School of Basic Arts, Arthur H. Saxer; Dean, School of Commerce, William L. Wanlass; Dean, School of Home Economics, Carrie C. Dozier; Dean, School of Agriculture, Kenneth C. Ikeler.

UTAH, UNIVERSITY OF

See: University of Utah.

VANDERBILT UNIVERSITY

NASHVILLE, TENNESSEE

University, including a College of Arts and Science and professional schools of Engineering, Law, Medicine and Theology. Coeducational: number of women students limited. Privately controlled. No church or State relationship.

Chartered 1872. Opened, 1875.

Self-perpetuating Board of 33 Trustees. 8 trustees are nominated by the alumni.

Endowment: Approximately $9,000,000. Income from student fees about same as income from endowment, making total annual budget approximately $900,000. This includes receipts and expenditures for medical hospital.

Campus of 75 acres valued at $400,000; buildings valued at $4,400,000; equipment at $500,000.

Library: 90,000 volumes.

Separate buildings for Biology, Chemistry, and Engineering.

Observatory: 6-inch equatorial telescope and other equipment.

Health program: Gymnasium and athletic fields. Stadium (20,000). Health examinations; medical consultation.

Admission requirements: 15 units, 9 prescribed: English 3, Algebra 1½, Plane Geometry 1, Solid Geometry ½, Foreign Languages 3. Admission by certificate from approved schools or by College Entrance Board examination. Freshman class limited to 250, of which 50 may be women.

Degree requirements: 63 year-hours, 60 quality credits. Major and minor. Combined Academic-Professional courses if desired.

General requirements: Physical training 3 hours a week.

Departments and Staff: Biblical Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 1, 2. Chemistry: 1, 1, 3, 2. Commerce: 0, 1, 0, 2. Economics: 1, 1, 1, 0. English, 1, 2, 1, 1. Geology: 1, 1, 0, 0. Germanic Languages: 1, 1, 1, 0. Greek and Sanskrit: 0, 2, 0, 1. History and Political Science: 2, 1, 2, 1. Latin: 1, 1, 0, 0. Mathematics and Astronomy: 2, 1, 3, 3. Philosophy-Psychology: 1, 0, 0, 1. Physical Education: 1, 0, 1, 0. Physics: 1, 0, 2, 0. Public Speaking and Debate: 1, 0, 0, 0. Romantic Languages: 1, 1, 4, 4. Sociology and Anthropology: 1, 1, 1, 0. School of Engineering: 8, 3, 6, 3. School of Religion: 6, 0, 0, 1. School of Law: 8, 0, 0, 0. School of Medicine: See page 130. School of Dentistry: 10, 4, 2, 11.

Enrolment for year ending June 30, 1926, 1,377. In 50 years total of 17,750 matriculates.

Degrees conferred in June, 1926: 318. Total number of degrees conferred since foundation: 9,546.

Tuition fee for college year: $200 to $300. Room and board: $35 to $50 a month. Total annual expense: $750 to $1,000.

Scholarships and Fellowships.

Dates of beginning and ending sessions: September 26, 1927; June 13, 1928.

Publications: General catalog with special departmental catalogs, January to August.

Achievements of year ending June 9, 1926: Celebration of fiftieth anniversary of founding. Opening of medical plant for teaching and hospital ($3,000,000); completion of power house, student's union, and Neely Auditorium. Inception of campaign for benefit of the College of Arts and Science.

Administrative officers: Chancellor, J. H. Kirkland; Dean, College of Arts and Science, W. L. Fleming; Dean, School of Engineering, W. H. Schuerman; Dean, School of Law, John Bell Keeble: Dean, School of Medicine, G. Canby Robinson; Dean, School of Religion, O. E. Brown; Registrar, College of Arts and Science and School of Engineering, Mrs. M. W. Haggard; Registrar, School of Law, Mrs. Ellen D. Chester; Registrar, School of Medicine, Mrs. Annie G. Bromwell; Dean of Men, C. M. Sarratt; Dean of Women, Ada Bell Stapleton.

VASSAR COLLEGE

POUGHKEEPSIE, NEW YORK

College for women, privately controlled. A Christian, non-sectarian college.

Incorporated as Vassar Female College, January 18, 1861. Opened to students in September, 1865. Name changed to Vassar College in 1867. First class of 4 students graduated in June, 1867. Founded by Matthew Vassar of Poughkeepsie.

Board of 21 trustees.

Endowment: $6,620,827.32. Income from endowment: $344,517.72. Total annual expenditures year ending June 30, 1926: $1,612,979.87. Gifts 1925–26 amounted to nearly $450,000. These included an anonymous gift of $75,000 for the erection of a Nursery School and $10,000 for educational work within this school, and the Lydia Richardson Babbott Fund of $50,000, the income to be used for student aid.

Grounds about 900 acres including an athletic circle, an outdoor theatre and a farm of 675 acres. 30 buildings, 7 of which are residence halls for students and members of the Faculty. 4 buildings under construction: Dormitory for housing 130 students; building for the Division of Euthenics; Nursery School; Kendrick Hall for housing Faculty members.

Frederick Ferris Thompson Memorial Library (1905): 142,000 volumes; 560 current periodicals. Justice collection of works of the periodical press.

Laboratories: Vassar Brothers' Laboratory (1879): $40,000; Psychology and other Science departments. New England Building (1901): $120,000; Zoology, Botany, Physiology, Geology, and Mineralogy. Eleanore S. Sanders Chemistry Laboratory (1909): $200,000. Henry M. Sanders Laboratory of Physics (1925): $220,000.

Museums: New England Building (1901): Museum of Natural History. Taylor Hall (1915): art collections, including notable collection of jade.

Observatory: 12-inch equatorial telescope and other equipment. First Director, Maria Mitchell.

Health program: 3 college physicians reside on campus. Swift Memorial Infimary with resident nurses and special arrangements for isolation of contagious diseases. Metcalf House contains apartments for a resident physician, a laboratory, and consulting room, and rooms for convalescent patients. Incoming freshmen required to send detailed health certificates from their physicians. After entering college, each student receives a physical and a medical examination. A nutrition class is attached to the Office of the Resident Physician for those seriously under weight. A Faculty Committee on Health Records is making a careful study of the question of student health conditions. Dr. Austen Fox Riggs, Consultant in Psychiatry, holds frequent clinics. Gymnasium (1889); swimming-pool; athletic field, tennis courts, a hockey field, and two lakes for boating and skating. Course in Hygiene required in first semester of Freshman year, and Physical Education required in Freshman, Sophomore, and Junior years.

Admission requirements: 13 units including: English 3; Mathematics 3; 2 Foreign languages from the following of which one must be either Greek or Latin: Greek 3; Latin 3, French 3, German 3, Italian 3, Spanish 3, History 1. The Committee on Admission may allow some substitution within the regularly prescribed units, to meet individual needs of promising students. In 1929 and thereafter candidates will be accepted from the entire list of applicants according to fitness for college work. At present they are accepted by priority of application, with the exception of 100 students known as the honor group. No conditions allowed.

Degree requirements: For A.B.: 120 semester hours; 6 hours in Physical Education. Standing in college is determined by ratio of total number of quality credits to number of hours elected. A credit ratio of 2 is required for graduation. Required courses: English, Hygiene, History, English Speech. In addition 5 subjects must be selected from 5 of the following groups: Latin or Greek Literature, Modern Foreign Literature, third Foreign Language in addition to the 2 required for admission. Mathematics, Chemistry or Physics, Astronomy,

Botany, Geology, Physiology, or Zoology. In elective courses at least 36 hours of sequential study required. Requirements for A.M.: As Vassar is essentially an undergraduate college, very few A.M. degrees are given. In general, the candidate must have received A.B. degree from a college of which work is accepted at Vassar, and must spend one year in residence at Vassar. One half of work may be done elsewhere. Candidate must pass a satisfactory examination at Vassar, and present a thesis which shows independent investigation.

Departments and Staff (1925–26): Art: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 2; *Assistants*, 0. Astronomy: 1, 0, 0, 2, 0. Biblical Literature: 1, 0, 1, 0, 0. Bibliography: 0, 0, 0, 1, 0. Botany: 1, 1, 0, 1, 2. Chemistry: 1, 2, 0, 2, 5. Comparative Literature: 1, 1, 0, 0, 0. Economics and Sociology: 1, 1, 1, 2, 0. English: 4, 4, 2, 8, 0. English Speech: 0, 1, 1, 2, 0. French: 1, 1, 3, 3, 2. Geology, Geography, and Mineralogy: 1, 1, 1, 0, 0. German: 2, 0, 1, 0, 0. Greek and Greek Archæology: 1, 1, 0, 2, 0. History: 4, 3, 0, 1, 0. Italian: 0, 0, 1, 0, 2. Latin: 1, 2, 1, 2, 0. Mathematics: 1, 3, 1, 0, 0. Music: 4, 0, 0, 7, 2. Philosophy: 2, 0, 0, 0, 0. Physical Education: 0, 1, 1, 3, 0. Physics: 2, 0, 1, 0, 3. Physiology and Hygiene: 1, 1, 0, 3, 0. Political Science: 1, 0, 0, 1, 0. Psychology: 1, 0, 2, 1, 1. Spanish: 1, 0, 0, 2, 1. Zoology: 1, 1, 1, 1, 1.

Enrolment for year 1925–1926: 1,149.

Degrees conferred June 8, 1926: A.B., 250; A.M., 3. Total number of graduates: 7,574.

Fees: All students pay the same fee, $1,000 a year.

Scholarships and Fellowships: 70 Funds for Scholarships: Principal, $757,701.98. 8 Funds for Fellowships: Principal, $87,371.09.

Research Funds: Leverett Moore Research Fund for Classics. Lucy Maynard Salmon Research Fund for History.

Employment Bureau: It is not thought that a student can earn all her college expenses and at same time meet all class requirements, but a great many earn spending money and a part of their college expenses. Work may be found by applying to Wardens' Office or to Student Employment Bureau. Vocational Bureau established to assist undergraduates and alumnæ in their vocational problems.

Dates of beginning and ending Sessions, 1927–28: September 23, 1927; Second semester begins February 3, 1928. Commencement, June 12, 1928.

No regular summer session. Summer of 1926, Institute of Euthenics.

Publications: Catalog in December. Annual Report of President in October. "Journal of Undergraduate Studies" comprising class papers written by students, published annually.

Bibliographical References: Lossing, Benson J. "Vassar College and its Founder," N. Y., 1867. Raymond, John H., "Life and Letters by his Daughter," N. Y., 1881. "50th Anniversary of Opening of Vassar College, October 10–13, 1815," N. Y., 1916. Taylor, James Monroe and Haight, Elizabeth H., "Vassar," N. Y., 1915. Haight, Elizabeth H., "Autobiography and Letters of Matthew Vassar," N. Y., 1916. Haight, Elizabeth H., "Life and Letters of James Monroe Taylor," N. Y., 1919.

Administrative officers: President, Henry Noble MacCracken; Dean, C. Mildred Thompson; Warden, Jean Culbert Palmer; General Manager, Keene Richards.

VERMONT, UNIVERSITY OF

See: University of Vermont.

VILLANOVA COLLEGE

VILLANOVA, PENNSYLVANIA

Catholic College for men; controlled by the Augustinian Fathers.

Founded in 1842. Chartered in 1848.

Self-perpetuating Board of Trustees.

Endowment, $80,000. Income from endowment, $5,000. Income from other sources, $43,521.91.

8 buildings, with 150 acres, valued at $1,000,000.

Library (1925), 15,000 volumes. Special Collections: Church History.

Laboratories: 2 laboratory buildings. Equipment, valued at $94,000.

Gymnasium.

Admission requirements: 15 units. Committee on Entrance Requirements reserves the right to evaluate all credentials. If these be unsatisfactory, the candidate must pass examinations in the subjects wherein he is deficient. One condition allowed which must be removed during Freshman year.

Degree requirements: 148 credit units earned in 4 years of residence. Thesis required for all degrees. Degrees offered: B.A., Ph.D., Litt.B., B.S. in C.E., M.E., Ch.E., San.D., B.S. in Business Administration and B.S. in Biology.

Departments and Staff: Chemistry: *Professors*, 1; *Associate Professor*, 0; *Assistant Professors*, 2; *Instructors*, 1. Commerce and Finance: 3, 0, 1, 1. Economics: 1, 0, 1, 0. Education: 1, 0, 2, 1. Engineering: 5, 3, 0, 2. English: 2, 0, 1, 3. French: 1, 0, 1, 1. German: 1, 0, 0, 0. Greek: 1, 0, 1, 0. History: 1, 0, 1, 0. Latin: 1, 1, 0, 1. Logic: 1, 0, 1, 0. Mathematics: 2, 1, 0, 0. Philosophy: 1, 0, 1, 0. Physics: 1, 0, 2, 1. Psychology: 1, 1, 0, 1. Sociology: 1, 0, 1, 0. Spanish: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926, 727.

Degrees conferred year ending June 30, 1926, 77: A.B., 29; B.D. in Ed., 2; B.S. in C.E., 10; B.S. in E.E., 3; B.S. in M.E., 9; B.S. in Chem.E., 1; B.S. in Chem., 1; B.S. in Biology, 4; B.S. in Bus.Adm., 18.

Fees: Registration, $10; tuition, board and lodging, $425 a year.

$10,000 appropriated for scholarships.

Dates of beginning and ending sessions: September 22, 1927; June 7, 1928.

Summer session: July 6 to August 12, 1925. 4 departments offered 14 courses to 250 students.

Administrative officers: President, Mortimer A. Sullivan; Director of Studies, Howard A. Grelis; Dean of Engineering School, Carl T. Humphrey; Dean of the Business School, Joseph A. Bartley; Dean of the School of Science, R. P. Fink; Registrar, M. M. Sheehan.

VIRGINIA AGRICULTURAL AND MECHANICAL COLLEGE AND POLYTECHNIC INSTITUTE

BLACKSBURG, VIRGINIA

Land-grant college, chiefly for men, but open to women, including schools of Agriculture, Engineering, Business Administration, and Applied Science. Largely technical, no Liberal Arts degree being offered. Controlled by State, and supported by State with assistance from Federal Government.

Established in 1872 by General Assembly of Virginia, which accepted provisions of the "land-grant act" of 1862. In 1921 opened to women in all departments except Military Science and Tactics. In 1923 an Engineering Experiment Station was begun; in 1924 an Engineering Extension Service was established.

Board of 8 Visitors appointed by the Governor of the State for 4-year terms, together with State Superintendent of Public Instruction and President of the State Board of Agriculture, each ex officio.

No endowment except Federal Land Grant, amounting to $344,312. Income from this endowment, $20,658.72. Total annual expenditures, 1925–1926: Resident Instruction, $400,793; Service Departments, $433,176; Buildings and Grounds, $122,880; Agricultural Experiment Station, $130,864; Agricultural Extension Division, $386,650. Total for all Divisions, $1,474,363. Budget, 1926–1927, $1,524,120. Alumni campaign resulted in erection of World War Memorial Hall for Physical Education and student activities costing approximately $350,000.

Grounds and buildings: Campus of 200 acres; farm, experimental plats, orchards, and pasturage, 523 acres. 23 principal buildings; 26 minor structures, and 42 residences for employees; 6 residence halls for men (400); and 2 residences for women (25). Value of plant: Grounds, including water and sewerage systems, $282,700; buildings, including central heating distribution system and electric service system, $2,074,620; equipment, including live stock, $630,500; total, $2,987,820.

Library (1905), 39,000 volumes; 40,000

unbound volumes; 404 current periodicals.

Laboratories: Chemistry building under construction. No separate buildings for laboratories, except mechanic arts shops and dairy and animal husbandry barns. Equipment valued at $543,192.

Health program: Health examinations required. Gymnasium and Physical Education building ($350,000) and Stadium ($100,000) completed, 1926. Infirmary, 30 beds. Health officer, consulting physician, 2 nurses.

Admission requirements: An applicant must be at least 16 years of age, must have a character certificate and honorable dismissal from school or college from which he comes, and must present at least 16 units, including English 3, Mathematics 2, History 1, Science 1, with 9 selected from an approved list; at least 3 units in Mathematics required for entrance to Engineering and Applied Science curricula. No conditions in quantity permissible, but an applicant without Solid Geometry (½ unit) may be permitted to remove that deficiency during first year, provided he has 16 acceptable units without this.

Degree requirements: For B.S.: 131 semester hours (exclusive of Military and Physical Training). A quality credit system prescribes that a student must have earned as many quality credits as there are credit-hours in his curriculum. There are 25 curricula from which a student may select, but after selection he takes the courses prescribed in curriculum chosen. Thesis required for M.S.

General requirements: Physical education required in Freshman year. Military science and tactics required in first 2 years. Daily chapel attendance required. Students in military organization must live in residence halls. Women students are required to live in college residences but may be permitted to live in approved private homes.

Departments and Staff: Agricultural Chemistry: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Agricultural Economics: 1, 2, 0, 0. Agricultural Education: 2, 1, 1, 0. Agricultural Engineering: 1, 0, 1, 2. Agronomy: 2, 0, 0, 2. Animal Husbandry: 1, 0, 0, 1. Applied Mechanics and Experimental Engineering: 2, 0, 1, 2. Botany and Plant Pathology: 2, 1, 0, 0. Business Administration: 1, 0, 1, 1. Chemistry: 1, 1, 1, 3. Civil Engineering: 1, 1, 1, 0. Dairy Husbandry: 1, 1, 0, 1. Economics and History: 1, 0, 1, 1. Education: 2, 0, 0, 0. Electrical Engineering: 2, 0, 1, 2. English: 2, 0, 0, 4. Foreign Languages: 1, 0, 0, 0. Geology: 1, 0, 0, 0. Graphics and Mechanism: 1, 1, 0, 1. Home Economics: 0, 1, 2, 1. Horticulture: 2, 1, 1, 1. Industrial Education: 0, 0, 1, 0. Mathematics: 3, 1, 4, 0. Mechanic Arts: 1, 1, 1, 1. Metallurgy and Metallography: 1, 0, 0, 0. Military Science and Tactics: 1, 3, 5, 7. Mining Engineering: 1, 0, 0, 0. Physical Education: 2, 1, 1, 1. Physics: 1, 0, 1, 2. Poultry Husbandry: 0, 1, 0, 1. Power Engineering and Machine Design: 1, 0, 0, 0. Zoology and Animal Pathology: 3, 0, 0, 1.

Enrolment, 1925–1926, 1,431: Men, 1,347; women, 84: Agriculture, 190; Engineering, 623; Business Administration, 238; Applied Science, 75; Unclassified, 62; Special Dairying, 17; Summer Quarter, 226. Number of matriculates since foundation, 12,659.

Degrees conferred, 1925–1926: B.S., 133; M.S., 6; C.E., 2; E.E., 4; M.E., 2; E.M., 1. Degrees conferred since foundation: B.S., 2,075; M.S., 106; Ch.E., 4; C.E., 75; E.E., 44; M.E., 108; E.M., 4.

Fees: Total for all fees, board, room, laundry, infirmary, $338. Cadet uniform, $100. The average student (according to a study by the Dean from data supplied by students) spends $601 for all annual expenses.

Scholarships and fellowships: 400 State Scholarships for residents of Virginia only; non-scholarship students pay $30 a quarter tuition. 10 teaching fellowships ($400 each) for graduates of colleges. Fellows assist in laboratories.

Research: Agricultural Experiment Station.

At least 50 per cent earn their way in part; very few can earn their way entirely, and then only by lengthening the usual attendance period beyond the 4 years.

Dates of beginning and ending sessions: First quarter: September 15, 1926; Second quarter: January 3, 1927; Third quarter: March 21, 1927; Spring quarter ends June 14, 1927; Summer quarter begins June 20, 1927 and ends September, 2, 1927.

Summer session, 1925: 20 departments; 112 courses; 226 students.

University Extension: Agricultural Extension Division has more than 50,000 men and women, boys and girls, enrolled for instruction, through demonstrations, lectures, club activities, etc.

Publications: College bulletin, 6 times a year; catalog in May number; President's report in April.

Achievements of year ending June 30, 1926: $350,000 Physical Education building, gift of alumni, completed. $100,000 Stadium completed by student athletic association, to be extended later to four times present size. Additional residence halls ($250,000) started. Resident instruction and research in Home Economics begun. Rural Sociology added to instructional departments. Adopted policy of charging tuition to students whose scholastic records fall below a prescribed minimum, and of rewarding those whose records are satisfactory by relieving them of paying tuition of $30 (next year $40) a quarter.

Administrative officers: President, Julian Ashby Burruss; Dean of the College, John Edward Williams, Dean of Agriculture, Harvey Lee Price; Dean of Engineering, Samuel Reynolds Pritchard.

VIRGINIA MILITARY INSTITUTE

LEXINGTON, VIRGINIA

Founded in 1836 in conjunction with Lexington Arsenal. Established as independent military school March 29, 1839. For men.

Superintendent, Brigadier General William H. Cocke.

The requested information has not been received from this institution.

VIRGINIA, UNIVERSITY OF

See: University of Virginia.

WABASH COLLEGE

CRAWFORDSVILLE, INDIANA

College of Arts and Sciences for men. Privately controlled. Affiliated with Presbyterian Church.

Founded 1832. Opened 1833. Chartered by Indiana State Legislature as Wabash Manual Labor College—Teachers' Seminary, 1834. Name changed to Wabash College, 1851.

Board of 21 trustees, divided in 4 groups, each serving 4 years—self-perpetuating until 1920, when Alumni obtained privilege of nominating members of the board.

Endowment, $1,435,093.79. Income from endowment, $138,783.82. Income from annuities and fees, $56,858.03. Total annual expenditures year ending June 30, 1926, $128,425.85.

33 acres valued at $125,000. Total present worth of buildings, $207,000. Total value of grounds, buildings and equipment, $572,847.75.

Library: 63,500 volumes, including 8,000 government documents. 125 current periodicals.

Laboratories: South Hall (1838) for Botany, Geology and Zoology. Value, $10,000. Peck Scientific Hall (1878): Chemistry, Physics. Present value, $50,000. Value of equipment: Physics, $6,786; Biology and Geology, $14,859; Chemistry, $12,471.

Hovey Museum in South Hall.

Physical examination required at matriculation.

Admission requirements: 16 units, including English 3, Mathematics 2, Foreign Language 2, General History 1, Science 1. No conditions allowed.

Degree requirement: For B.A.: 120 semester hours and 120 quality points (an average of 70 per cent or C.). Prescribed courses: English Composition 6 hours, Mathematics 6, History 6, Economics or Psychology 6, Laboratory Science 12, and at least 3 years of a Foreign Language other than that presented on entrance. Major subject, in which thesis is required, must represent at least 18 semester hours.

Chapel attendance required 5 days a week.

Departments and Staff: Biblical Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Botany: 1, 0, 0, 0. Chemistry: 1, 0, 1, 0. Economics: 1, 1, 0, 0. English: 2, 1, 0, 1. German: 1, 0, 0, 2. Classics: 1, 0, 1, 0. History: 2, 0, 0, 0. Mathematics: 1, 1, 0, 1. Philosophy: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Psychology: 1, 0, 1, 0. Public Speaking: 1, 0, 0, 1. Romance Languages: 1, 0, 1, 1. Zoology: 1, 0, 0, 1.

Enrolment 1925–26: 521. Total number of matriculates since foundation: 7,124.

Degrees conferred year ending June 30, 1926: B.A., 62. Total number of degrees conferred since foundation: B.A., 2,005.

Catalog in February.

Fees: $85 a semester (including athletic, library and student budget fees). Laboratory fees vary from $1.50 to $8.50 a semester. Room from $1.50 to $3 a week. Board from $5 to $6.

14 scholarships.

Employment bureau.

First semester begins, September 12, 1927; First semester ends, January 26, 1928; Second semester ends, June 4, 1928.

Achievements of year ending June 30, 1926: The number of incoming Freshmen will be limited in autumn 1926 to 190 in order to keep total enrolment about 500.

Administrative officers: President, Louis B. Hopkins; Dean, George V. Kendall; Registrar, Fred C. Domroese.

WAKE FOREST COLLEGE

WAKE FOREST, NORTH CAROLINA

Privately controlled college for men. Affiliated with Baptist Church.

Chartered as Wake Forest Institute in 1833 and opened February 3, 1834. In 1838 rechartered as Wake Forest College.

Board of 37 trustees.

Endowment, $2,071,000. Income from endowment, $108,000. Income from other sources, $103,000. Total annual expenditures year ending June 30, 1926, $210,000. Budget 1926–27, $210,000.

Grounds, 190 acres. Three dormitories (278).

Library (1878, 1926), 32,250 volumes; 1,400 public documents; 167 current periodicals.

Laboratories: Chemistry laboratory (1888, 1921); Physics laboratory (1878); Biological laboratory (1906). Value of equipment in principal departments: Chemistry, $3,000; Physics, $3,000; Biology, $2,000; Medical, $7,000.

Observatory in Chemistry building; 5-inch telescope.

Health program: Gymnasium (1900); athletic field; Hospital (1906), 16 beds, 2 operating rooms.

Admission requirements: 15 units, including English 3, Latin 4, Algebra 2, Plane Geometry 1, History 2. Prescribed requirements vary according to degree desired. Conditions must be removed before registration for Sophomore year.

Degree requirements: 128 semester hours for B.A. and B.S. 140 semester hours for LL.B. Grade of 85 must be earned on not less than half the subjects offered. Prescribed: English, 12 semester hours; Mathematics 6; History 6; Philosophy 6; Hygiene 4; Bible 6; Language 10 or 12; Science 8 or 10.

General requirements: 2 years of physical culture required. Daily chapel attendance required.

Departments and staff: Bible: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 3, 0, 0, 1. Chemistry: 1, 0, 1, 2. Education: 1, 0, 0, 0. English: 2, 0, 1, 0. Greek: 2, 0, 0, 1. Latin: 2, 0, 0, 1. Law: 3, 0, 0, 0. Mathematics: 1, 1, 0, 1. Medicine: 5, 0, 0, 0. Modern Languages: 1, 0, 1, 1. Physics: 1, 1, 0, 0. Psychology and Philosophy: 1, 0, 0, 0. Social Science: 1, 0, 2, 1.

Enrolment for year ending June 30, 1926: Graduate students, 6; Undergraduates, 550; Law, 120; Medicine, 40.

Degrees conferred year ending June 30, 1926: 100.

Fees: Matriculation, $26.50; tuition, $40; tuition in Law School, $50; tuition in Medicine, $59; athletic fee, $5; graduation fee,

$5. Annual expenses: Liberal, $650; low, $450.

Dates of beginning and ending sessions: September 12, 1927; June 1, 1928.

Summer session: June 14 to September 3. 14 departments offered 78 courses. Attendance 1925, 811.

Catalog in January.

Administrative officers: President, William Louis Poteat; Dean, Daniel B. Bryan; Registrar, Grady S. Patterson.

WASHBURN COLLEGE

TOPEKA, KANSAS

Coeducational college, privately controlled, of Congregational origin.

Chartered as Lincoln College, 1865 by the State of Kansas. Law School organized, 1902. Name changed to Washburn College in 1866.

Organization: Self-perpetuating Board of 24 Trustees. State Conference of Congregational Churches of Kansas nominates 4 trustees; Alumni Association of Washburn College nominates 6. The institution includes College of Liberal Arts, School of Law, and School of Music. Each school maintains regular session, night session and summer session.

Financial resources: Endowment, $1,250,000. Income from endowment, $52,250; from tuition and fees, $137,026. Annual budget, $215,000. In 1925–26 completed campaign for $500,000 for buildings, equipment, and endowment.

Buildings and Grounds: Campus of 80 acres and 14 buildings, valued at $1,191,000.

Carnegie Library (1903): 30,000 volumes including 5,000 government documents. Law School Library: 10,000 volumes; Art Library: 1,000 volumes.

Laboratories: Rice Hall (1871) valued at $100,000; Crane Observatory (1903) valued at $54,000. An 11½-inch refractor and a 3½-inch refractor. Laboratory equipment: Astronomy, $10,430; Botany, $6,356; Chemistry, $2,803; Zoology, $2,981; Physics, $3,827.

Mulvane Art Museum (1923).

Gymnasium. Medical inspection of all Freshmen at entrance. Required course in Physical and Mental Hygiene for Freshmen.

Admission requirements: College of Liberal Arts and Sciences: 15 units including English 3; Mathematics 2; Laboratory Science 1; History 1. One unit of condition permitted. School of Law: Completion of 2 years (60 hours) of college work. School of Music: Special students admitted without examination. Students entering regular courses must pass an examination in applied music and meet college entrance requirements.

Degree requirements: Degrees of A.B., B.S., or Mus.B., conferred on completion of 124 semester hours. In each case a major of 28-30 hours and a minor of 18-20 hours required. For A.B.: A minimum of 20 hours in Group I (Language, Literature, and Art): 18 hours in Group II (Mathematics and Science); 22 hours in Group III (History, Philosophy, Social Science, and Religion). Not more than 20 hours of Grade D (lowest passing grade) accepted for graduation; no D grades accepted on major or minor subjects. For degree of LL.B.: A minimum of 2 years of college followed by 3 years in School of Law, with 76 semester hours of credit in Law. For J.D. (Doctor of Law) the possession of degree A.B., or B.S., and all requirements for graduation from School of Law.

General requirements: Chapel attendance required. Women students live in dormitory, sorority houses or with relatives; men in fraternity houses or in approved homes.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 3. Astronomy: 1, 0, 1, 0. Bacteriology: 0, 0, 1, 1. Biblical Literature and History: 1, 0, 0, 0. Botany: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Citizenship: 5, 0, 0, 0. Classical Languages: 2, 0, 0, 0. Economics and Commerce: 1, 0, 2, 1. Education: 2, 0, 2, 1. Engineering: 2, 0, 0, 2. English Languages and Literature: 3, 1, 0, 2. Geology: 1, 0, 0, 0. Health: *Director*, 1; *Assistant Director*, 1. History: 2, 0, 0, 0. Home Economics: 1, 0, 1, 2. Journalism: 0, 0, 1, 1. Mathematics: 1, 0, 1, 1. Modern Languages: 1, 0, 3, 1. Music: 3, 0, 1, 5. Philosophy and Psychology: 1, 0, 1, 0. Physics: 1, 0, 0, 0. Political Science: 1, 0, 0, 0. Pub-

lic Speaking: 1, 0, 0, 1. Criminology, Abnormal Psychology and Mental Hygiene: 0, 0, 1, 0. Sociology: 2, 0, 2, 0. Zoology: 1, 0, 0, 0. Law: *Professors*, 3; *Lecturers*, 11.

Enrolment for year ending June 30, 1926: College, 1,103: Men, 477; women, 626. School of Law: 97: Men, 89; women, 8. School of Music: 346: Men, 57; women, 289. Department of Art: 126: Men, 11; women, 115. Total all departments (excluding duplicates): 1,381: Men, 574; women, 807. Total matriculates since foundation: 10,000 to 12,000.

Degrees year ending June 30, 1926: 102: A.B., 70; B.S., 7; LL.B., 20; B.Mus., 4; A.M., 1. Total degrees conferred since foundation: 2,063: A.B., 1,159; B.S., 120; LL.B., 338; J.D., 4; B.Mus., 111; A.M., 24; M.S., 1; M.D., 306 (Medical School discontinued).

Fees for semester: Tuition, $75. General Fees, $9. Graduation, $10. Laboratory, $2.50 to $12. Board, $6 a week; lodging, $2 to $3 a week. Annual student expenses: Liberal, $600; low, $425.

Scholarships of $8,000 value are awarded annually. Loan funds: $1,200 to $1,500 annually.

Employment Bureau: One-third of the students earn their way in part.

Dates of beginning and ending of terms: 1927–1928: First semester September 13 to January 31; Second semester February 1 to June 5.

Summer Session: June 12 to July 24, 1928. In 1925, 16 departments offered 44 courses. Attendance, 1925: 277.

Extension: Persons 25 years of age, or teachers 21 years of age admitted as special students. Evening classes one semester beginning first week in October. Attendance 1925: 270.

Publications: Annual catalog in April. Monthly bulletins of information.

Achievements of year ending June 30, 1926: Completion of campaign for $1,000,000. Gift of $100,000 for the purpose of establishing a Department of American Citizenship. Gift of $5,000 to start a library of American Citizenship.

Administrative officers: President, Parley P. Womer; Vice-President, Duncan Lendrum McEachron; Dean of School of Liberal Arts, Arthur G. Sellen; Dean of School of Law, Harry K. Allen; Dean of School of Music, Henry V. Stearns; Registrar, Luther Denny Whittemore.

WASHINGTON COLLEGE

CHESTERTOWN, MARYLAND

Coeducational college, non-sectarian. Supported by State appropriation and a small endowment.

Chartered 1782. George Washington's name heads list of first contributors to funds for establishment of college. He consented that the institution be named for him, served on its first Board of Visitors and Governors and in 1789 received from it the degree of Doctor of Laws.

Board of Visitors and Governors one-half of whom are appointed by the Governor of Maryland and one-half elected by alumni.

Financial resources: Annual State Appropriation: $45,000. Annual budget: $80,000. Campaign for $200,000 endowment in progress.

Grounds and buildings: Campus of 16½ acres and 12 buildings, valued at $454,000. Women's dormitory (30); 3 men's dormitories (130).

Library: 8,000 volumes, exclusive of government documents; 25 current periodicals.

Health program: Prescribed physical training in Freshman, Sophomore, and Junior years.

Admission requirements: 15 units including English 2, Mathematics 2½, History 1, Foreign Language 2. Conditions must be removed before beginning of Junior year.

Degree requirements: Degree of B.A. and B.S. conferred on completion of 127 semester hours in appropriate arts or science groups and attainment of 127 points. In each of the 8 groups leading to a degree about 100 semester hours are prescribed and a minimum of 24 hours is required in major subjects.

At least 3 years of residence required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Commerce: 1, 0, 0. Educa-

tion: 1, 0, 0. English: 2, 1, 0. History: 1, 1, 0. Mathematics: 1, 1, 0. Modern Languages: 1, 1, 0. Music: 0, 0, 2. Physical Training: 1, 1, 1. Physics: 1, 0, 0. Political and Social Science: 1, 0, 0. Science: 1, 2, 0.

Enrolment for year ending June 30, 1926: 181: Men, 139; women, 42.

Degrees conferred year ending June 1926: 26: B.A. 16; B.S. 8; LL.D. 1; D.D. 1.

Fees: Total charge of Maryland student, $416 (to non-Marylanders, $516) of which board and room amount to about $316. Matriculation fee, $5. Laboratory fees from $3 to $5.

Scholarships and Fellowships: County and senatorial district scholarships for Maryland men, to value of $8,500 and work scholarships for men and women to the value of $3,500 in force each year. Student loan funds.

Dates of beginning and ending sessions: First term (semester) opens third Friday in September and continues for 18 weeks. Second term begins on Wednesday following the close of first term and continues for 18 weeks, closing the second Monday in June. Recess of 2 weeks at Christmas, and one week at Easter.

Publications: College Bulletin, including catalog, etc., published 12 times a year.

Administrative officers: President, Paul Emerson Titsworth; Dean, J. S. William Jones; Registrar, A. Roy Woodland.

WASHINGTON, STATE COLLEGE OF

See: State College of Washington.

WASHINGTON UNIVERSITY

ST. LOUIS, MISSOURI

Coeducational, non-sectarian, privately endowed and controlled university.

Founded in 1853 as Eliot Seminary. Name changed to Washington University in 1857. First educational work was as an evening school for boys, 1854–5. First College degrees conferred in 1862. Law School organized in 1867; Polytechnic School (now the Schools of Engineering and Architecture) in 1870; School of Fine Arts in 1879; School of Botany in 1885. The St. Louis Medical College founded in 1842 was admitted as a department of the University in 1891 and the Missouri Dental College in 1892. In 1899, Missouri Medical College, founded in 1840, was united with St. Louis Medical College to form the School of Medicine of Washington University. In 1909, the St. Louis School of Philanthropy was affiliated and in 1913 was made a department of Washington University and discontinued as such in 1915. Division of University Extension with evening and Saturday courses was organized in 1915. School of Commerce and Finance, now known as the School of Business and Public Administration, was organized in 1917. Although graduate work in several departments leading to the master's and doctor's degrees had been carried on, the formal organization of the School of Graduate Studies did not take place until 1922. Summer School organized in 1924. School of Nursing established in 1905, organized as a degree conferring department in 1924. The University moved to its present location in January, 1905, and in 1914 the School of Medicine occupied its new location.

A corporation of 17 directors. There are 12 alumni who compose an Alumni Advisory Board, of which the President of the Corporation, the Chancellor, the Treasurer, and the Deans of the following schools are ex officio members: College of Liberal Arts, Schools of Engineering, Architecture, Business and Public Administration, Law, Medicine, and Dentistry. The University is composed of 13 divisions, as follows: The College of Liberal Arts, School of Engineering, School of Architecture, School of Business and Public Administration, Henry Shaw School of Botany, School of Graduate Studies, School of Law, School of Medicine, School of Dentistry, School of Nursing, School of Fine Arts, Division of University Extension, and Summer School. Mary Institute, a preparatory school for girls, is operated under the charter of the University.

Endowment as of June 30, 1926: $15,277,852.12. Income from all sources for year 1925–26: $1,859,770.38. Value of buildings and grounds as of June 30, 1926,

estimated at $7,923,716.62. Total gifts for 1925–26: $1,290,127 of which the principal one was the gift of Charles Rebstock of $1,000,000 for a Hall of Biology and general endowment.

Main campus consists of 155 acres, on which there are 20 buildings.

Library: 261,301 bound volumes: 99,468 pamphlets. More than 3,000 serials are currently received. Notable special collections are: Preetorius Memorial of 12,000 volumes on German Language and Literature; W. K. Bixby collection of rare books; significant collections in Middle and Elizabethan English, Seventeenth and Eighteenth-century French literature, Greek and Latin literature and epigraphy, economic publications, British and French History, and Mathematics. Library of the Missouri Botanical Garden is especially noted for its rare and valuable collection of monographs, as well as the complete files of periodicals and the publications of practically all the important learned societies of the world. School of Law library consists of 31,000 volumes of reports, treatises, statutes, and digests. School of Medicine library contains 39,318 bound volumes and receives 475 important medical periodicals. The following private collections are included: library of Julius Pagel, who was Professor of the History of Medicine at the University of Berlin; the Dr. John Green collection of periodicals and books on Ophthalmology; the Dr. W. E. Fischel collection on Internal Medicine; the library of Dr. Frank J. Lutz on Anatomy, Surgery, Medical History, and Biography; the manuscripts, letters and other material of Dr. William Beaumont. School of Dentistry library contains 3,000 volumes including the McKellops library and donations from the libraries of Doctors Eames, Fuller, and Bowman. School of Fine Arts library contains 2,400 catalogs, reports, magazines, and 2,673 volumes. Art magazines of America, England, France, Germany, and Japan and other magazines devoting space to art are currently received.

Laboratories: Busch Hall for Chemistry (1900); Cupples Engineering Laboratories and Shops (1901); Eads Hall for Physics (1903); Wilson Hall for Geology (1924–25); Redstock Hall for Botany and Zoology (1926–7). In the School of Medicine Buildings are located the laboratories for Experimental Surgery, Anatomy, Histology, Neuroanatomy, Biological Chemistry, Pharmacology, and Physiology (1914).

Museum collections are located in the buildings devoted to the particular field of study in so far as possible. Notable among these are the collections of the Department of Civil Engineering, Department of Geology, and the Saalburg collection of Roman antiquities.

University health program is under the direction of the Director of University Health Service. A physician and nurse are in attendance. Students receive a physical examination in the autumn of each year and may receive medical attention by applying to the health office. Gymnasium. Field house. Athletic field.

Requirements for admission to the College of Liberal Arts and the pre-professional courses are graduation from a first-class, 4-year, accredited high school, in the middle or highest third of the class, and the recommendation of the high school Principal. The student must present at least 10 to 15 units from the groups English, Foreign Language, Mathematics, History, and Science. Not less than 2 units in a foreign language are counted for admission. No conditions allowed. Students in lowest third of high school class must take entrance examinations of aptitude type in English, Foreign Language, Mathematics, and a general intelligence examination. For admission to the School of Engineering and Architecture the student must be a graduate of a first-class, 4-year, accredited high school and be recommended by his high school Principal and must rank in the middle or highest third of his class. Students in the lowest third, in general, are required to take entrance examinations. The specific requirements for admission are 3 units in English and 3 units in Mathematics. Students who otherwise meet the entrance requirements but who do not have SolidGeometry and third term Algebra may be admitted with conditions in these subjects at

the discretion of the Dean, except that students in the lowest third of their high school class who do not have the full requirement in Mathematics are not admitted. The requirements for admission to the Schools of Law and Business and Public Administration are 2 years of college work, largely prescribed. For admission to the School of Medicine, 3 years of college work, largely prescribed, are required. For admission to the School of Dentistry, graduation from a first-class, 4-year accredited high school. For admission to the School of Nursing, graduation from a first-class, 4-year high school is required. For admission to Graduate School, baccalaureate degree.

Degree requirements: For B.A., 120 semester hours required; student must have an average of 77½ during the junior and senior years. The first 2 years for A.B. degree are practically entirely prescribed and during junior and senior years the student must complete 5 advanced courses, 2 of which must be in one department. In the Schools of Engineering, Architecture, Law, Dentistry, and Medicine students must complete prescribed courses, with limited electives in some of the curricula.

General requirements: 2 years of Physical Education or Military Science and Tactics are required for the following degrees: B.A., B.S. in Engineering, Bachelor of Architecture, and B.S. in Business and Public Administration. Assemblies are conducted for which certain classes are excused and students are required to attend.

Departments and Staff: Arts and Sciences: *Professors*, 48; *Associate Professors*, 23; *Assistant Professors*, 39; *Instructors*, 40. Medical: 20, 16, 33, 56. Law: 6, 0, 0, 0. Dentistry: 11, 1, 3, 15. Fine Arts: 1, 0, 0, 11. Nursing: 1, 0, 0, 11. See also chapters V–VI.

Enrolment November 1, 1926: 7,072: Men, 4,200; women, 2,872: Graduate School: 232; College of Liberal Arts: 1,491; Engineering: 387; Architecture: 104; Business and Public Administration: 139; Law: 202; Medicine: 342; Dentistry: 153; Fine Arts: 275; University Extension: 2,736; Nursing: 174; Summer School, 1926: 837.

Degrees conferred June, 1926: 462: B.A., 125; B.S., 8; B.S. in Eng., 58; B.Arch., 10; B.S. in Commerce, 54; LL.B., 37; B.S. in Medicine, 1; M.D., 75; D.D.S., 21; B.S. in Nursing, 1; M.A., 39; M.S., 19; M.S. in Commerce, 2; C.E., 1; Ph.D., 6; Honorary 5. Degrees conferred since foundation: 12,323: College of Liberal Arts, 1,444 (Prior to 1911 advanced and professional degrees were included); Schools of Engineering and Architecture, 979; School of Commerce and Finance, 314; School of Law, 1,449; School of Medicine, 6,211; School of Dentistry, 1,241; School of Nursing, 1; Advanced and Professional Degrees, 502; Honorary Degrees, 91.

Annual tuition fee in the College of Liberal Arts, the School of Engineering, Architecture, Business and Public Administration, Law, and Dentistry: $225. In School of Medicine, $325; in School of Fine Arts, $150; and the School of Graduate Studies, $100. Matriculation fee is $5; diploma fee, from $3 to $5. Laboratory fees, $5 to $15 a course. In School of Medicine a general deposit fee covers all laboratories. Health fee of $2 a year and a student activities fee of $10 a year. Room rent in dormitories varies from $90 to $175 a year. Board for men in the cafeteria averages $1 a day. In McMillan Hall for women, board averages $8.50 a week. The minimum total annual expense would be about $650, average $850 and high $1,000.

About 165 undergraduate scholarships covering tuition fee of $225. Two loan funds. Twenty graduate scholarships and fellowships ranging from $200 to $500. In addition graduate assistantships of $750 each, which entail half-time laboratory or similar assistance on the part of the recipient. School of Law assigns 8 library service scholarships. The School of Medicine has 3 part scholarships. The School of Fine Arts has a few scholarships available each year.

Board of Appointments and Employment: About 20 per cent to 25 per cent of undergraduates are engaged in part-time employment to meet part or all of the expenses of their education.

Dates of beginning and ending sessions: Monday preceding fourth Thursday in

September; Tuesday preceding second Thursday in June.

Summer Session: 28 departments offered 119 courses in 1926. Attendance, 1926: 837.

University Extension: Classes are given on the campus, at the St. Louis Architectural Club, and at centers that have been established in Illinois. These classes are given in the evenings, late afternoons, and Saturday morning. 247 courses are given in 40 departments.

Publications: Separate catalogs of the various schools are published three times a month from February to June. The Chancellor's Report is published as an article in the June "Washingtonian." "The Washington University Studies," beginning in 1913; 53 numbers published. "The Bulletin of the Washington University School of Medicine"; published once a year, 1902–1926; 20 volumes published.

Achievements of year ending June 30, 1926: The School of Dentistry has gone upon a 5-year basis. The School of Medicine put into effect during this year 3 years of preprofessional work as a requirement for entrance. The College of Liberal Arts put into effect entrance examinations for those not in the highest or middle third of the high school class; also the Schools of Engineering and Architecture. The name of the School of Commerce and Finance changed to the School of Business and Public Administration. A fund was completed and work started on the erection of the St. Louis Maternity Hospital to be affiliated with the School of Medicine.

Administrative officers: Chancellor, ——; Dean, College of Liberal Arts, George O. James; Registrar, College of Liberal Arts, George W. Lamke; Dean, Schools of Engineering and Architecture, Walter E. McCourt; Dean, School of Business and Public Administration, Isidor Loeb; Dean, School of Graduate Studies, Otto Heller; Acting Dean, School of Law, Tyrrell Williams; Dean, School of Medicine, McKim Marriott; Dean, School of Dentistry, Walter Bartlett; Director, Henry Shaw School of Botany, George T. Moore; Director, School of Nursing, Claribel A. Wheeler; Director, Division of University Extension, Frederick W. Shipley; Director, Summer School, Isidor Loeb; Director, School of Fine Arts; Edmund H. Wuerpel.

WASHINGTON, UNIVERSITY OF

See: University of Washington.

WASHINGTON AND JEFFERSON COLLEGE

WASHINGTON, PENNSYLVANIA

College for men, privately controlled.

Jefferson College chartered 1802. Washington College chartered 1806. The united college, Washington and Jefferson, chartered 1865. Washington Academy, the initial organization upon which the later institutions were founded, was chartered 1787.

Self-perpetuating Board of 33 Trustees.

Endowment, $1,500,000. Annual budget: $190,000.

Campus and 7 buildings valued at $500,000.

Library: 38,000 volumes.

Laboratories: Separate buildings for Biology and Physics.

Health program: Physicians in charge of gymnasium and physical training. 6 credits required for graduation.

Admission requirements: 15 units including English 3 and Mathematics 2½ prescribed for classical and scientific courses. Latin or Greek, 3 required for classical course; Foreign Language, 2 for scientific course. Entrance by certificate or examination.

Degree requirements: Courses prescribed.

Departments and Staff: Accounting: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Bible: 2, 0, 0, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 0, 2. Economics: 0, 0, 1, 2. English: 1, 0, 1, 0. Geology: 1, 0, 0, 1. German: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 2, 0, 0, 0. Hygiene and Physical Training: 1, 0, 0, 1. Latin: 1, 0, 0, 1. Mathematics (Applied): 1, 0, 0, 1. Mathematics (Pure): 1, 0, 1, 1. Philosophy: 2, 0, 0, 1. Physics: 1, 0, 0, 1. Political Science: 1, 0, 0, 0. Practical Ethics: 1, 0, 0, 0. Rhetoric and Public

Speaking: 1, 0, 0, 1. Romance Languages: 2, 0, 1, 1.

Enrolment limited to 500 students.

Fees: Annual college fees $204, not including laboratory, student activities and other fees.

Summer Session: 7 to 8 weeks in elective courses in arts and sciences.

College Bulletin annually.

Administrative officers: President, S. S. Baker; Dean, Edward Moffat Weyer; Administration Secretary and Registrar, L. A. Foust.

WASHINGTON AND LEE UNIVERSITY

LEXINGTON, VIRGINIA

University for men; privately controlled; non-sectarian.

Founded 1749. Incorporated as Liberty Hall Academy in 1782 under an independent and self-perpetuating Board of Trustees. Upon gift of $50,000 from George Washington, name changed to Washington Academy in 1798, to Washington College in 1813, the academy first occupying the present site of the University in 1804. Became Washington and Lee University in 1871, one year after the death of General Robert E. Lee, for 5 years President of Washington College.

Self-perpetuating board of not more than 15 trustees.

Endowment, $1,332,116. Income from endowment, $79,334. Income from other sources: $206,781. Total annual expenditures year ending March 30, 1926: $285,778.

Grounds and Buildings: Book value of grounds (about 100 acres): $50,000. Total present worth of buildings: $1,372,457. Total value of grounds, buildings and equipment: $1,677,149.

Library (1908): 60,000 volumes including approximately 10,000 government documents. 150 current periodicals. Special collections: Howard Library: Old editions of classics; Franklin Library: Old editions of American novels, books in general literature and history; some rare Southern history books. Its great interest lies in the fact that it represents the literary tastes of Lexington during and before the Civil War. 4 collections of material relating to Civil War and Southern History. Lee Moulton Bruner Library of Dramatic Literature. Decatur Axtell collection.

Laboratories: Reid Building (1904), $70,000. Chemistry Building (1924), $195,000. Washington Building (1825), $200,000. Value of equipment: Geology, $5,000. Electrical Engineering, $7,500. Chemistry, $14,000. Civil Engineering, $8,000. Physics, $14,000. Biology, $3,500.

Observatory: 5-inch refractor.

Health examinations conducted by Department of Hygiene and Physical Education and the University physician at beginning of first year and at end of second year. Gymnasium (1915) and athletic fields cost $98,382. The Stonewall Jackson Hospital, Lexington, Virginia, is used as University Infirmary.

Admission requirements: 15 units including English 3; Mathematics 2½; History 1; Foreign Language 2. For admission to Law School: 15 units of high school work and 2 years of college work.

Degree requirements: In College: 124 quality credits; 24 semester hours in one subject; 30 semester hours in Foreign Language, of which 12 semester hours must be in one subject; 24 semester hours in Science and Mathematics, 6 semester hours must be in Mathematics and 18 in other sciences. 12 semester hours must be in a single science. 2 years Hygiene and Physical Education. In School of Commerce: Foreign Language, 12 semester hours; English, 9; History, 12; Mathematics, 6; Physical or Applied Science, 6; Accounting, Political Science, Business Administration, Economics and Commerce, 60; electives, 15. Thesis.

Departments and Staff: Accounting and Statistics: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Ancient Languages: 1, 0, 0, 0. Bible and Philosophy: 0, 0, 1, 0. Biology: 1, 0, 0, 1. Chemistry: 2, 0, 1, 0. Civil Engineering: 1, 1, 0, 0. Economics and Business Administration: 1, 0, 1, 0. Economics and Commerce: 1, 0, 0, 1. Education and Psychology: 1, 0, 1, 0. Electrical Engineering: 1, 0, 0, 0. English: 1, 2, 1, 1. Geology:

1, 0, 1, 0. German: 1, 0, 0, 0. History: 1, 1, 1, 1. Hygiene and Physical Education: 1, 2, 0, 0. Journalism: 1, 0, 1, 0. Law: 4, 0, 1, 0. Mathematics: 1, 1, 1, 1. Physics and Astronomy: 1, 0, 1, 0. Political Science and Sociology: 1, 1, 0, 0. Romance Languages: 1, 1, 1, 3.

Enrolment for year ending June 30, 1926: 903. Total number of matriculates since foundation: 10,250.

Degrees conferred year ending June 30, 1926: 115: M.A., 4; B.L., 13; B.A., 47; B.S., 9; B.S. in Commerce, 42.

Fees: $225 a year. Matriculation, $10. Laboratory, $10 to $20. Annual expenses including living expenses: Low, $750; liberal, $1,500.

Scholarships and Fellowships: 14 endowed scholarships, yielding from $80 to $288 each annually; 20 department scholarships $100 each; Alumni and high school scholarships, $80 each for first-year students. One fellowship, $403 annually.

Employment bureau: About 30 per cent of students wholly or partly earn their way.

Dates of beginning and ending sessions: First semester: September 13, 1927; January 30, 1928. Second semester: February 2, 1928; June 12, 1928.

Publications: Catalog in March. President's Report in June.

Administrative officers: President, Henry Louis Smith; Dean, H. D. Campbell; Vocational Advisor and Psychologic Examiner of Students, William M. Brown; Registrar, E. S. Mattingly; Dean of Law School, William M. Moreland.

WEBSTER COLLEGE FOR WOMEN

WEBSTER GROVES, MISSOURI

Corporate College of St. Louis University.

College for women, conducted by Sisters of Loretto at the Foot of the Cross.

Chartered in 1916 by the State of Missouri as Loretto College. Name changed to Webster College for Women 1924.

Under immediate and exclusive control of the Sisters of Loretto at the Foot of the Cross.

Grounds (7 acres) and 4 buildings, valued at $950,000.

Library: 10,000 volumes; 50 current periodicals.

Laboratories: Equipment in Biology, Physics and Chemical Laboratories valued at $15,995.

Health program: Physical examination required of Freshmen and Sophomores. Infirmary. Two house physicians.

Admission requirements: 15 units, including English 3; Algebra 1; Geometry 1; History 1; Science 1. For A.B. 4 units of Latin required; and for B.Litt. and B.S. 2 units of Foreign Language. Applicants whose credentials do not satisfy the Committee on Admissions may be admitted by examination. No conditions allowed. Deficiencies must be removed before the close of the Sophomore year.

Degree requirements: 132 semester hours of credit and a minimum of 132 honor points. First 2 years of all courses made up of required subjects. In third and fourth years students must complete a major of 18 hours in one department and a related minor of 12 hours in the same department, an unrelated minor of not less than 8 hours in another department. Thesis (5,000 words) required of all candidates.

Departments and staff: Biology: *Professor*, 1. Chemistry, 1; Education, 1; English, 5; French, 1; Greek and Latin, 3; History, 3; Mathematics, 1; Philosophy, 5; Spanish, 1; Arts, Physical Education, etc., 7.

Enrolment, 1926: 180.

Degrees conferred year ending June 30, 1926: A.B., 11; B.Litt., 1. Total number of degrees conferred since foundation, 60.

Fees: Tuition and board, $500 a year. Room and incidental expenses, $75 a year. Day students' tuition, $150 a year.

About 30 students earned a part of their expenses during 1925–26.

Dates of beginning and ending sessions: September 19, 1927; June 6, 1928.

Administrative officers: President, Mother Mary Linus Maier; Dean of Studies, Sister M. Louise Wise; Registrar, Sister Mary Joseph Scherer; Dean of Women, Sister Edwarda Ashe.

WELLESLEY COLLEGE

WELLESLEY, MASSACHUSETTS

College of liberal arts for women, privately controlled, and non-denominational.

In 1871 cornerstone of first building laid by founders of College, Mr. and Mrs. Henry Fowle Durant. Opened in 1875.

Board of 20 trustees including 3 representatives of Alumnae and one representative of Faculty. Two-thirds of trustees must be members in good standing of some evangelical church.

Endowment (excluding Semi-Centennial Fund not completed): $5,495,227.11. Income from endowment, $259,709.46. Income from other sources (including dormitories), $785,991.29. Total current expenditures year ending June 30, 1926 (excluding dormitories reported in income from other sources), $921,718.08. Budget 1926–27, $1,050,062.

Grounds and buildings: Approximately 300 acres. 30 halls of residence, 2 of which are faculty houses. Largest dormitory houses approximately 250 students. New residence hall now under construction. Total value of grounds, $438,808.77. Total present worth of buildings including fixed equipment, $4,523,008.84. Total value of grounds, buildings, and equipment, $6,469,540.15.

Library: 115,000 volumes; 380 current periodicals. Plimpton Collection, 953 volumes of Italian books and manuscripts chiefly of the Renaissance; Ruskin collection; Rare Editions of English Poetry. Library endowed by Eben Norton Horsford.

Botany Building being erected. The Chemistry, Geology, Physics, Psychology, and Zoology laboratories are still in temporary buildings. Value of laboratory equipment: $184,291.24.

Museums: Farnsworth Art Building (1889). M. Day Kimball Memorial, consisting of original pieces of antique sculpture; a few examples of early Italian painting; various Egyptian antiquities; Stetson collection of modern paintings; photographs and other reproductions, 16,000.

Observatory has 7 rooms and is equipped as follows: A 12-inch Clark equatorial refracting telescope; a 6-inch Clark refractor and other apparatus.

Health program: Physical examinations required of all Freshmen and Sophomores. Gymnastic work and sports required in first 2 years. Gymnasium. 2 physicians, a consulting physician, and Director of the Department of Hygiene and Physical Education. Infirmary with 3 trained nurses. Consultant in Mental Hygiene is in attendance 3 days a week.

Admission requirements: 15 units, 9 of which are prescribed (English, Mathematics, Latin); 3 units of restricted electives (History, Foreign Language, and Science), free electives 3 units. Applicant must be at least 16 years of age and must present satisfactory evidence of ability to make good use of opportunities offered by the College. Testimonials of health, character, and scholarship are required. No conditions allowed.

Degree requirements: 60 year-hours required for B.A., degree; 34½ of these must be "passed with credit." Each candidate must have 9 hours in each of 2 departments, or 12 hours in one department and 6 in a second, or 12 hours in one department and 6 in allied courses. Prescribed courses include Biblical History, English Composition, Hygiene and Physical Education, Philosophy and Psychology, Reading and Speaking, Mathematics, Foreign Language, Biological Science, Physical Science. For M.A. degree and M.S. in Hygiene and Physical Education: 12 year-hours plus a reading knowledge of French and German required. A thesis may be substituted for 3 of the 12 year-hours.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 1. Astronomy: 1, 0, 1, 1. Biblical History: 1, 1, 4, 1. Botany: 2, 3, 3, 3. Chemistry: 1, 3, 0, 1. Economics: 2, 1, 0, 4. Education: 2, 0, 0, 0. English Literature: 5, 6, 3, 0. English Composition: 1, 5, 1, 5. French: 0, 2, 1, 6. Geology: 1, 1, 1, 1. German: 1, 0, 1, 0. Greek: 1, 0, 0, 1. History: 2, 3, 2, 1. Hygiene: 3, 0, 0, 7. Italian: 1, 0, 0, 1. Latin: 1, 2, 0, 1. Mathematics: 3, 1, 2, 2. Music: 2, 0, 0, 8. Philosophy and Psychology: 3, 0, 2, 0. Physics: 1, 3, 0, 2.

Reading and Speaking: 0, 0, 2, 2. Spanish: 1, 0, 1, 1. Zoology: 2, 1, 1, 7.

Enrolment for year ending June 30, 1926: 1,599, 43 of these being resident candidates for M.A. degree and 36 candidates for Certificate of Hygiene. On June 30, 1926, the total number of matriculates since foundation was, 17,000.

Degrees conferred in June, 1926: B.A., 340; M.A., 13; Hygiene certificates, 19; M.S. in Hygiene and Physical Education, 5. Total number of B.A.'s awarded since foundation, 8,974.

Fees: Tuition, $400; board, $600; total, $1,000.

Scholarships and fellowships: 2 graduate fellowships. 18 graduate scholarships for study at Wellesley College. About 70 scholarships for undergraduates in addition to aid given by Students' Aid Society and a cooperative house open to self-helping students. Stipend varies from $50 to $500.

Dates of beginning and ending sessions: First classes: September 26, 1927. Commencement Day: June 19, 1928.

Publications: Catalog published yearly November first. President's Report published every other year.

Bibliographical references: Kingsley, Florence Morse, "The Life of Henry Fowle Durant," The Century Company, New York and London, 1924. Palmer, George Herbert, "The Life of Alice Freeman Palmer," Houghton Mifflin Company, Boston and New York, 1908. Converse, Florence, "The Story of Wellesley," Little, Brown and Company.

Administrative officers: President, Ellen Fitz Pendleton; Dean, Alice Vinton Waite; Dean of Residence, Edith Souther Tufts; Dean of Freshmen and Secretary of Board of Admission, France Louise Knapp; Officer in charge of Foreign Students, Sophie Chantal Hart; Recorder, Mary Frazer Smith.

WELLS COLLEGE

AURORA, NEW YORK

College for women, privately controlled.

Founded in 1868, by Henry Wells, who said: "The ideal present in my mind is of a home, in which, surrounded by appliances and advantages beyond the reach of private families, however wealthy, the young ladies shall assemble to receive their education, which shall qualify them to fulfill their duties as women, daughters, wives, and mothers."

Self-perpetuating Board of Trustees.

Financial resources: Endowment, $1,405,000. Income from endowment, $60,000. Income from tuition, $236,591. Income from other sources, $56,350. Total annual expenditures year ending June 30, 1926, $349,812.05. Total budget 1926–1927, $313,694. $25,000 from Carnegie Corporation for Departments of Art and Music.

Campus of 340 acres, 12 buildings for academic purposes, and 12 residences, etc., valued at $656,230.23. Total value of grounds, buildings, and equipment: $857,270.68.

Library (1910): 54,232 volumes; 347 current periodicals.

Laboratories: Zabriskie Hall (1905) houses Physics, Psychology, Chemistry, and Geology laboratories. Morgan Hall (1879) contains Biology, Zoology, and Bacteriology laboratories. Present value of these buildings: $110,968.50. Total value of laboratory equipment: $140,319.50.

Observatory: 4-inch refractor with clock-driven equatorial mounting.

Health program: Health examination and certificate required before entrance; physical examinations required twice Freshman year, twice Sophomore year, and once in each of two following years. Helen Fairchild Smith Gymnasium (1904). Nine-hole golf course. Athletic fields. Infirmary and resident nurse.

Admission requirements: 15 units including English 3; Latin 4; Mathematics 3; History 1; second Foreign Language 2. By special permission, entrance condition of 2 units allowed but not in same subject. Such conditions must be removed before beginning of second year. Admission by examination and not by certificate alone.

Degree requirements: 124 hours. At least half of the hours taken at Wells College must be of "C" grade or better. At least 24 hours in field of specialization. Pre-

scribed courses: English, 12 hours; Modern European History, 6 hours; French, Greek, or German, 6 hours; Latin, Greek, or Mathematics, 6 hours; Biology, Chemistry, or Physics, 6 hours; Bible; Economics; Psychology and Philosophy; History of Civilization. Honor courses in special fields have been arranged for the student of unusual ability.

General requirements: 4 hours of Physical Education and Hygiene required in first 2 years. Daily chapel attendance required. All students live in residence in dormitories.

Departments and staff: Biblical History and Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 1, 1. Classics: 2, 0, 0, 1. Economics and Sociology: 1, 0, 0, 1. English: 0, 1, 0, 1. German: 1, 0, 0, 1. History of Art: 1, 0, 0, 0. History: 3, 0, 0, 1. Mathematics: 1, 0, 0, 1. Music: 2, 0, 1, 3. Philosophy and Psychology: 1, 0, 1, 0. Physics: 1, 0, 0, 0. Romance Languages and Literature: 1, 0, 0, 2.

Enrolment 1925–1926: 242: Graduate students, 2; special student, 1; Seniors, 43; Juniors, 41; Sophomores, 73; Freshmen, 82. Total number of matriculates since foundation, 2,650.

Degrees conferred year ending June 30, 1926: 43. Total number of degrees conferred since foundation: 1,101: Mistress of Arts, 4; Mistress of Philosophy, 23; Bachelor of Arts, 1,045; Bachelor of Literature, 8; Bachelor of Music, 8; Bachelor of Science, 8. Master of Arts, 5. B.A. and M.A. only degrees now conferred.

Fees: Tuition fee, $300 a year; board, $700 a year; matriculation fee, $10; second room-deposit fee, $15; laboratory fee, $5; graduation fee, $5; Music lessons, $100 a year. Annual expenses: Liberal, $1,500; low, $1,200.

Scholarships: $4,000 assigned annually.

Dates of beginning and ending sessions: Thursday before last Thursday in September is opening date; Commencement falls on Tuesday of 38th week following.

Publications: Wells College Bulletin published 6 times a year. Catalog in January. President's Report annually.

Achievements of year ending June 30, 1926: Plans maturing for erection of a second unit or sister college to accommodate about 200 additional students. This method of expansion is being adopted because of the various advantages of the "domestic system of education" as now existing in Wells College and observed in other institutions where equal emphasis is laid upon a well organized and unified home for all the students. A campaign for one million dollars completed. Notable benefactions include gifts from the General Education Board, the Harkness Foundation, and the Carnegie Foundation.

Administrative officers: President, Kerr Duncan Macmillian; Dean, Katharine Lummis; Registrar, Florence Moore.

WESLEYAN COLLEGE

MACON, GEORGIA

College for women, owned and controlled by North Georgia, South Georgia, and Florida Conferences of Methodist Episcopal Church, South.

Chartered 1836 as Georgia Female College. Name changed to the Wesleyan Female College, in 1843. Name changed to Wesleyan College, in 1919. Wesleyan claims to be first college for women in America to confer a degree upon a woman (1840).

Self-perpetuating Board of Trustees elected subject to confirmation by the three participating conferences.

Endowment fund: $559,000. Income from all sources, $281,960.97. Total assets: $1,330,000. During the year 1925–26 the College has received one gift of $100,000, one of $50,000, one of $25,000, and a large number of smaller amounts. During 1925–26 started campaign to raise $3,000,000 for buildings, equipment and endowment at new site 5 miles from Macon. First million pledged by July 1, 1926. Estimated budget for 1926–27: $269,882.

Grounds and buildings: 8 acres in present campus; 132 acres in new campus. Capacity of present buildings for women: 400. Total value of grounds: $300,000. Total present worth of buildings: $330,426.45.

Library: 11,015 volumes; 76 current periodicals. Library building to be erected in 1926–27, capacity 50,000 volumes.

Health program: Physical examination of Freshmen at entrance. Gymnasium; swimming pool; athletic fields; infirmary.

Admission requirements: 15 units including English 3; Foreign Language 4; Mathematics 2½. Not more than 3 units in History or Science accepted. No conditions allowed.

Degree requirements: 60 year-hours (120 semester hours) and 60 quality credits. Prescribed courses: English, 6 year-hours; Mathematics, 3; Psychology, 3; Foreign Languages, 3 to 9; Bible, 4½; History, 3; Science, 6. Foreign Languages offered for admission must be pursued in college at least for one year. Concentration requirements: 9 to 12 hours in a major subject and 6 hours in a related minor.

General requirements: 4 years of Physical Education required. Daily chapel attendance required. Students are required to attend Sunday religious services in churches of the city. 2 years of residence required. Students live in college dormitories unless homes are in city.

Departments and Staff: Ancient Languages: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Biblical Literature: 1, 0, 0, 1. Biology: 1, 0, 1, 0. English: 1, 1, 1, 3. German: 1, 0, 0, 1. History and Economics: 1, 1, 0, 0. Home Economics: 1, 0, 0, 0. Journalism: 1, 0, 0, 0. Mathematics: 1, 0, 0, 1. Philosophy and Education: 1, 1, 0, 0. Physical Education: 1, 0, 0, 1. Physical Science: 1, 0, 0, 2. Religious Education: 1, 0, 0, 0. Romance Languages: 2, 0, 1, 2.

Enrolment for 1925–1926: 430.

Degrees conferred year ending June 30, 1926: 68. Degrees conferred since foundation: 2,508: B.S. 93; A.B. 2,364; L.B. 51.

Fees: Tuition, $75 a semester. Board and lodging, $160 a semester. Matriculation fee, $5. Library fee, $5. Annual expenses: Liberal $1,000; low $532.

Scholarships, $100.

Employment bureau: Appointment Office. 12 students partly earned expenses during year ending June 30, 1926.

Dates of beginning and ending sessions: September 14, 1927; May 28, 1928.

Publications: College bulletin, including catalog, reports, etc. at intervals.

Administrative Officers: President, William Fletcher Quillian; Dean, Walter Kirkland Greene; Registrar, Elizabeth Winn; Officer in charge of Foreign students, Lois Rogers.

WESLEYAN UNIVERSITY

MIDDLETOWN, CONNECTICUT

A liberal arts college for men; non-sectarian. Founded in 1831 by Methodist Episcopal Church; no longer formally connected with that denomination. Board of 55 trustees. 12 Methodist Episcopal conferences each have a representative; alumni elect 2 each year; trustees elect the other members.

Endowment, $4,501,743. Annuity funds, $114,931. Construction and equipment funds, $929,566. Income from endowment, $295,200; from students and gifts, $202,511. Total annual expenditure for the year ending June 30, 1926: $490,783. Budget for 1926–27, $488,000.

Total present value of 18 buildings: $1,472,140. Grounds valued at $194,743. Equipment: $257,996. Total value of grounds, building and equipment above $2,000,000.

Library: 152,000 volumes. Funds, income of which devoted to purchase of books and periodicals and binding, amount to $225,365. Olin Memorial Library under construction.

Hall Memorial Laboratory of Chemistry (1926). Scott Memorial Laboratory of Physics (1904). Biology and Geology housed in Judd Hall.

Museum of Natural History in Judd Hall.

Van Vleck Observatory (1916). Refractor of 20-inch aperture.

Health program: Fayerweather Gymnasium (1894). Professor of Physical Education, a Doctor of Medicine, is medical officer of the college. Medical inspection of all Freshmen. Infirmary.

Admission requirements: 15 units. B.A. degree is given to students who present

Latin or Greek for admission and continue the subject 1 year in college, or who begin Greek in college and take it 2 years. B.S. and Ph.B. degrees are given to those who substitute other subjects for Classics, French and German being required in all cases. 126 semester hours with 175 credit points. Generalization in the first 2 years requires 9 year-hours in each of 3 groups of study; concentration in the last 2 years requires 15 year-hours, 9 in a department and 6 in the same department or an allied department. One year of Latin or Greek in college required for A.B. degree; advanced Mathematics, Physics and Chemistry, if not taken in school, required for B.S. degree. 6 year-hours of French or German, if not taken in high school, required for Ph.B. and B.S. degree.

Physical education required for 3 years. Chapel attendance required daily and Sunday.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 1; *Instructors*, 0. Biology: 2, 0, 0, 1. Chemistry: 2, 0, 1, 0. Economics: 3, 0, 1, 0. English: 3, 1, 1, 2. Ethics and Religion: 1, 0, 0, 0. Geology: 1, 0, 0, 0. German: 2, 0, 1, 1. Greek: 2, 0, 0, 0. History and Government: 2, 0, 1, 1. Latin: 3, 0, 0, 0. Mathematics: 2, 0, 1, 1. Music: 0, 0, 1, 0. Philosophy: 1, 1, 0, 0. Physical Education: 1, 0, 1, 4. Physics: 1, 1, 0, 1. Psychology: 0, 1, 1, 0. Public Speaking: 0, 1, 0, 0. Romance Languages: 2, 1, 1, 0.

Enrolment limited to an average of 500 students for year. Women were formerly admitted as undergraduates, but have been admitted only as graduate students since 1913.

Degrees conferred for year ending June 30, 1926: B.A., 50. B.S., 41. Ph.B., 12. M.A., 8. Total Bachelor's degrees conferred since foundation: 4,221. Master's: 167.

Fees: Annual college fee $300. Graduation fee, $10. Laboratory fees, $10 to $15 a course. Student annual expenses, including living expenses: $800 to $1,500.

Scholarships and fellowships: Squire Fellowship in Greek, $400–$500; Olin Fellowship in English, $500; two Rich Fellowships in Economics, each $450–$550. A large number of endowed scholarships paying part or all of tuition.

Commencement comes Monday before third Wednesday in June. Vacation of 13 weeks in the summer, occasionally 14 weeks. Recess of 2 weeks at Christmas and one at Easter.

Publications: College Bulletin, 7 issues annually, including catalog and president's report.

Administrative officers: President, James Lukens McConaughy; Vice-President, Charles Ruglas Hoover; Dean, Frank Walter Nicolson; Dean of Freshmen, Joseph William Hewitt.

THE WESTERN COLLEGE FOR WOMEN

OXFORD, OHIO

College for women. Private. Undenominational.

Founded 1853; opened 1855.

Self-perpetuating board of 15 trustees. Majority must be members of some evangelical church.

Endowment, $744,184.75. Received from Margaret Gamble Estate, $50,000. Total expenditures, $249,627.03. Budget, 1926–1927, $260,000.

Grounds (430 acres) valued at $65,000. Buildings, including 4 residence halls (400 students and 40 teachers) and Kumler Memorial Chapel, valued at $800,000. Total value of land, buildings, and equipment, $1,050,000.

Library (1899), 30,000 volumes, including 3,000 Government documents; 60 current periodicals.

Laboratory equipment in science valued at $10,875.

Geological collection, gift of Robert S. Fulton.

Health program: Examination twice a year by resident physician and physical director. Gymnasium; athletic fields. Infirmary, with resident physician and nurse.

Admission requirements: 15 units, including English 3; History 1; Mathematics 2½; Foreign Language 4 (all may be Latin, but 2 must be Latin); Science 1. No conditions allowed.

Degree requirements: 120 semester hours; 120 credit points. 60 hours prescribed.

General requirements: Physical training for Freshmen and Sophomores required. Daily chapel attendance and Sunday service required. All students must live in dormitories.

Departments and Staff: Art; *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biblical History and Literature: 1, 0, 0, 0. Biology: 1, 1, 0, 0. Chemistry: 1, 1, 0, 0. Education and Psychology: 1, 0, 0, 0. Philosophy: 0, 1, 0, 0. English Language: 2, 0, 0, 2. English Literature: 1, 1, 0, 0. German: 0, 0, 0, 1. Greek: 1, 0, 0, 0. History: 1, 0, 0, 0. Home Economics: 1, 0, 0, 0. Latin: 1, 1, 0, 1. Mathematics: 1, 0, 0, 1. Music: 1, 1, 0, 1. Physical Education: 1, 0, 0, 1; Physics: 1, 0, 0, 0. Romance Languages: 2, 1, 0, 2. Social Science: 1, 0, 0, 1.

Enrolment for year ending June 30, 1926: 367. Total number of matriculates, 6,248.

Degrees conferred year ending June 30, 1926: 38. Total number of degrees conferred since foundation: 1,341.

Annual expenses: Tuition, $200; Board, $225; Room, $100; Incidental, $10. Total, $535.

Scholarships and fellowships: The sum of $5,000 assigned annually in scholarships ($50 to $350 each). Ministers' daughters of any denomination receive a scholarship of $200. One Music fellowship of $1,000.

About one-third of students aided to earn part of expenses.

Dates of beginning and ending sessions: September 14, 1927; June 12, 1928.

Catalog in January.

Administrative officers: President, W. W. Boyd; Academic Dean, Alice Hill Byrne; Dean of Women, Clara H. Mueller; Registrar, Alice L. Butler. The Registrar has charge of foreign students.

WESTERN MARYLAND COLLEGE

WESTMINSTER, MARYLAND

Coeducational college, privately controlled. Affiliated with the Methodist Protestant Church.

Chartered 1868. Developed from a private academy started in 1860. Fostered by several citizens of Westminster until 1868 when Conference of the Methodist Protestant Church assumed responsibility.

Self-perpetuating board of 33 trustees. Board of Trustees organized in 1868.

Endowment, $347,000. State appropriation for scholarships: $22,700. Annual budget: $185,000. Financial campaign for $375,000 completed December, 1925. Gift of Rockefeller Foundation: $125,000. State appropriation for building: $125,000.

Campus of 60 acres and 25 buildings valued at $925,000.

Library: 18,000 volumes.

Laboratories: Scientific equipment valued at $35,000.

Observatory: Saegmuller telescope.

Health program: Athletic field. Gymnasium. Medical examination of all Freshmen at entrance. Full-time nurse.

Admission requirements: 15 units, including English 3; Mathematics 2; History 1. Satisfactory character recommendations. One condition allowed.

Degree requirements: B.A. degree conferred on completion of 128 semester hours with 128 points. 48 semester hours prescribed.

General requirements: Sunday evening and daily chapel attendance required. Military Science for Physical Training for Freshmen and Sophomores required. Students whose homes are not in Westminster must reside in the college dormitories.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biblical History and Literature: 1, 0, 0, 0. Biology: 1, 1, 0, 0. Chemistry: 1, 0, 1, 0. Classics: 1, 0, 0, 1. Education: 1, 0, 1, 1. English: 1, 1, 1, 0. French: 1, 1, 0, 1. Geology: 1, 0, 0, 0. German: 1, 1, 0, 0. History: 2, 0, 0, 0. Home Economics: 1, 1, 0, 0. Mathematics: 1, 2, 0, 0. Mechanical Drawing: 1, 0, 0, 0. Military Science and Tactics: 0, 0, 0, 3. Music: 0, 0, 0, 6. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: 0, 0, 0, 3. Physics: 1, 0, 0, 0. Social Sciences: 2, 0, 0, 0. Spanish: 0, 0, 0, 1. Speech: 0, 0, 0, 1.

Enrolment for year ending June 30, 1926: 491: Men, 212; women, 279.

Degrees conferred year ending June 30, 1926: B.A., 86. Degrees conferred since foundation, 1,473.

Fees: Annual tuition fee, $125. Room, board, and laundry, $375. Matriculation fee, $10. Other fees and necessary expenses average, $75.

Scholarships: 54 scholarships are given to State students, who are bonded to teach in the high schools of Maryland for a period of 2 years after graduation.

Dates of beginning and ending sessions: Second Tuesday of September; second Tuesday of June.

University extension: Evening classes for teachers in service and working for college credits. Extension courses conducted at 2 centres.

College bulletin, including college catalog, published 4 times a year.

Administrative officers: President, Albert Norman Ward; Vice-President, William Roberts McDaniel; Dean of Men, Howard Trevelyan Easton; Dean of Women, Margaret Minerva Robinson; Registrar, Anna Houck Isanogle.

WESTERN RESERVE UNIVERSITY

CLEVELAND, OHIO

University for men and women (coordinate education). Privately endowed. No denominational relationship.

Founded at Hudson, Ohio, as Western Reserve College, 1826. Removed to Cleveland in 1882 and renamed Adelbert College. In 1884 Western Reserve University incorporated, and Adelbert College became integral part of University as arts department for men. College for Women established in 1888; School of Medicine, 1843; Law School, 1892; School of Dentistry, 1892; School of Library Science, 1904; School of Pharmacy, 1882; School of Applied Social Sciences, 1915; School of Nursing, 1923; Graduate School, 1926; Cleveland College, 1925.

Organization: Board of 24 trustees. Adelbert College a separate corporation with board of 24 trustees, including graduate trustees elected by graduates of Adelbert College.

Endowment, $7,638,954. Income from endowment, $531,400. Total annual expenditures year ending June 30, 1926, $1,434,000. Budget 1926–1927, $1,484,120. Received, 1925-26: $3,000,000 for endowment.

Grounds and buildings: Total value of grounds (48 acres): $1,759,386. Total present worth of buildings: $5,297,976. Total value of grounds, buildings and equipment: $8,461,898. College for Women has 3 dormitories (130). School of Nursing dormitory (115).

Adelbert College Library (1895) central library of University; 128,000 bound volumes; 30,000 unbound pamphlets; 600 current periodicals. The College for Women library, 26,000 bound volumes; 3,000 unbound; 140 current periodicals. Students, in addition to having access to libraries of all schools and colleges of university, have access to Cleveland Public Library (890,000 volumes), Case Library (110,000 volumes), and library and collections of Western Reserve Historical Society.

Laboratories: Biology (1891). Chemistry (1910). Physics (1911). Geology remodeled in 1925. Equipment: Adelbert College, $194,420; College for Women, $131,400; School of Medicine, $52,380; School of Dentistry, $41,940; Law School, $13,370; School of Pharmacy, $10,060; School of Library Science, $4,180; School of Nursing, $10,000.

Museums: Anatomical Museum in School of Medicine (1924). Geological and Ornithological collections.

Observatory: Equatorial telescope, 10½ inches aperture and 15 feet focal length.

Health program: Men's gymnasium (1918), cost $185,000. Women's gymnasium (1915) cost $70,000.

Requirements for admission: 1. *Undergraduate Colleges*: Adelbert College (for men); College for Women; School of Pharmacy; School of Nursing; School of Dentistry. For A.B. Degree; *Prescribed:* 9½ units: English 3, Mathematics 2.5, Foreign Language 4 in one language or an alternative of 2 in each of 2 languages or (men) substituting 2 points of additional Mathematics, Chemistry, Physics, History. Optional: 5.5 units: English, Mathematics,

Foreign Language, Sciences, History, Civics, Drawings, Applied Arts, Domestic Science. For B.S. Degree in Household Administration: Same as A.B. except: Mathematics 2 units only prescribed. For B.S. Degree in Pharmacy: Same as A.B. except instead of Foreign Language requirement of 4 units or alternative, 2 units in one Foreign Language and 1 unit in Physics or Chemistry prescribed. For B.S. Degree in Nursing: Same as A.B. except: Mathematics 2 units, and instead of Foreign Language 4 units or its alternative, 2 units Sciences and 2 units History prescribed. Quality requirements: For A.B. and B.S. in Household Administration, 80 per cent certificate grade and graduation in upper third of High School class; for B.S. in Pharmacy: 80 per cent certificate grade; in Nursing "satisfactory work." Conditions allowed: 1 unit. Removal of Conditions: A.B. men: End of Sophomore year; A.B. women and B.S. Household Administration and Nursing, end of Freshman year. Age requirements: Pharmacy minimum 17 years; Nursing: "19 to 30 age preferable." For D.D.S. degree, School of Dentistry: 1 year of college work, including: English 6 semester hours; Chemistry 6 hours; at least high school Physics; Biology 6 hours. After 1926–1927: 2 years of college work, including the above prescriptions. II. *Graduate Schools:* Medicine, M.D.; Law, LL.B.; Applied Social Sciences, M.S.; Graduate Study and Research, M.A., Ph.D. General requirements: Bachelor's degree from an approved college, or completion of an equivalent course in foreign institution of equal grade. Specially qualified Arts seniors of Western Reserve University admitted to first-year Law class and select seniors from specially approved group of colleges admitted to first year in Medicine. Special requirements: School of Medicine: Chemistry: 12 hours, of which 5 hours are laboratory and must include Organic 4 hours, of which 1 hour in laboratory; Physics: 8 hours of which 2 hours in laboratory. Biology, Zoology or Botany: 8 hours of which 4 hours in laboratory. German or French: 8 hours of 1 language of which 2 hours may be 1 high school unit, or reading knowledge of 1 language. English: 6 hours. No entrance conditions allowed. Quality: 75 chosen for first-year class from all applicants (about 200). Specially qualified seniors from an especially approved group of colleges are admitted to receive the Bachelor's degree from their own college on completion of first medical year. School of Applied Social Sciences: A. Division of Municipal Administration: Bachelor's degree from College of Liberal Arts, Engineering, or Commerce or Institute of Technology of recognized standing. Course to have included: Mathematics, Sciences, English, Modern Language, Psychology, History, Economics, Political Science, Sociology. B. Division of Social Administration: Bachelor's degree from a College of Liberal Arts. Course to have included same as foregoing. Quality requirements for both divisions: "Distinctively good academic record." School of Graduate Study and Research: Bachelor's degree from an approved college with special requirements to meet needs of the particular field of each field of study. III. *Courses Leading to Special Certificates:* School of Library Science: College degree, or High School graduation together with entrance examinations in General Literature, General History, Current Information, 2 Foreign (1 Modern) Language. Further requirements: Accredited library experience, or 1 month's practice in approved library; skilful use of typewriter. School of Applied Social Sciences: For Certificate of Public Health Nursing: Graduation from recognized School of Nursing requiring graduation from a high school. Health Certificate required. Course in Family Case Work and Course in Group Service Work: Graduation from approved college or an equivalent such as normal school and teaching experience. Course in Child Welfare Work: No stated requirements except for candidates for the M.S. degree. School of Nursing: For Certificate in Course for Graduate Nurses: Graduation from high school (or approved equivalent) and approved School of Nursing; Candidates must be registered nurses and those majoring in "Administration in School of Nursing" present certificate of adequate professional experience of 3 to 5 years.

Requirements for graduation: I. *Adelbert College* (for men), B.A. degree. General requirements for all candidates: A: English, 6 hours; Biblical Literature, 2 hours; a Foreign Language, 12 hours; Physical Education, 4 hours. B: Provision for distribution of interest covering 36 hours with approval of faculty advisor. C: Electives subject to approval of faculty advisor. D: Chapel attendance. Special requirements: I. For regular 4 years *Arts Course:* Total 126 hours; average grade 10 per cent above passing. Major, 24 hours; related Minor, 18 hours. Majors may be chosen in general fields, such as Business Administration and Journalism. II. For *Arts-Law Course:* Total 96 hours in Arts and Sciences; average grade 10 per cent above passing. Major 24 hours, with grade 10 per cent above passing in every Major course; completion of first year in the Law School. III. For *Arts-Library Science Course:* Total 96 hours in Arts and Sciences; average grade 10 per cent above passing. Major 18 hours with grade 10 per cent above passing; completion of one year course in the School of Library Sciences. IV. For *Arts-Medical Course:* Total 96 hours in Arts and Sciences, average grade 10 per cent above passing, including Biology, 9 hours, Chemistry, 12 hours, Physics, 12 hours, with grade 10 per cent above passing in each of these courses; completion of first year in the School of Medicine. V. For *Arts-Engineering Course:* Total 96 hours in Arts and Sciences; average grade 10 per cent above passing; including prescribed courses: Mathematics, 15 hours; Physics, 15; Chemistry, 6; Mechanical Drawing and Descriptive Geometry, 6; Advanced English, 6; each with grade 10 per cent higher than passing; summer practice term and shopwork and 2 years of technical courses in the Case School of Applied Science. *College for Women:* B.A. and B.S. degrees. B.A. candidates: General requirements for all candidates: A: English, 6 hours; choice of Latin, Greek, Ancient History, Ancient Art, or Greek and Roman History, 6; Physical Education, 6. B: Provisions for distribution of interest covering 36 hours with approval of the Dean. Special requirements: I. *For regular four-year Arts Course:* Total 126 hours; average grade 10 per cent above passing: Major 24 hours; related Minor 18 hours, with approval of faculty advisor. II. For *Arts-Law Course:* Total 96 hours in Arts and Sciences; average grade 10 per cent above passing; Major 24 hours; related Minor 18 hours; with approval of faculty advisor and Dean; completion of first year in the Law School. III. For *Arts-Medical Course:* Same as for Adelbert College. IV. For *Arts-Library Science Course:* Total 96 hours in Arts and Sciences; average grade 10 per cent above passing; Major 24 hours; related Minor 18 hours; with approval of faculty advisor and Dean. B.S. candidates in *Household Administration:* General requirements for all candidates: A: English, 6 hours; physical Education 6; History 6; Chemistry 6; Physiology 6; Psychology 3; Economics 6; Sociology 6. B: Major varying in subject and degree of concentration with general or professional aims of student; approval of Dean. C: Total 126 hours; average grade 10 per cent above passing.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 1, 0, 0, 0. Biblical Literature: 1, 0, 1, 0. Biology: 1, 0, 2, 2. Chemistry: 2, 0, 2, 3. Economics: 2, 1, 1, 1. Education: 1, 0, 1, 0. English: 2, 0, 3, 2. Geology and Mineralogy: 1, 0, 0, 1. German: 1, 0, 0, 0. Greek: 1, 0, 1, 0. History: 2, 1, 2, 2. Household Administration: 1, 0, 1, 2. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 1, 0. Music: 1, 0, 0, 1. Nursing Education: 0, 0, 0, 1. Philosophy and Psychology: 1, 1, 1, 0. Physical Education: 0, 0, 0, 3. Physics: 1, 0, 1, 2. Physiology and Hygiene: 0, 0, 1, 2. Political Science: 0, 2, 0, 1. Religious Education: 1, 0, 0, 0. Romance Languages: 1, 0, 0, 5. Sociology: 2, 0, 0, 1. School of Applied Social Sciences: *Professors*, 5; *Associate Professors*, 4; *Assistant Professors*, 0; *Instructors*, 0. School of Dentistry: 11, 3, 6, 7. School of Law: 11, 1, 0, 2. School of Library Science: 2, 0, 0, 8. School of Medicine: See page 127. School of Nursing: 2, 0, 4, 8. School of Pharmacy: 5, 0, 4, 4.

Enrolment for year 1925–1926: 3,845: Men, 1,770; women, 2,075. Adelbert Col-

lege: Men, 941. College for Women: 903. Graduate School: Men, 65; women, 42. School of Medicine: Men, 208; women, 14. Law School: Men, 247; women, 10. School of Dentistry: Men, 157; women, 2. Library: Men, 1; women, 63. Pharmacy School: Men, 109; women, 11. School of Applied Social Science: Men, 6; women, 173. Nursing: Women, 176. Teachers Courses: Men, 25; women, 350. Short Course Students: Men, 11; women, 331.

Degrees and diplomas conferred year ending June 30, 1926: 597: A.B. (men), 109; A.B. (women), 122; B.S. (College for Women), 26; B.S. (School of Pharmacy), 3; B.S. (School of Nursing), 4; M.A., 10; M.A. in Education, 13; B.Ed., 16; M.D., 48; LL.B., 79; D.D.S., 12; Ph.G., 35; Ph.C., 1; Diploma in Nursing, 40; M.S. in Social Administration, 13; Certificates of Public Health Nursing, 11; Certificates in Library Work, 55. Number of each kind of degree conferred since foundation: A.B. (men), 2,508; A.B. (women), 1,765; M.A., 439; M.A. in Education, 16; B.Ed., 35; B.S. (College for Women), 231; B.S. (School of Pharmacy), 16; B.S. (School of Nursing), 5; Lit.B. (women), 106; Ph.B. (women), 113; M.D., 2,877; D.D.S., 1,017; Doctor of Laws, 996; Ph.G., 509; Ph.C., 83; M.S. in Social Administration, 35; Certificate of Public Health Nursing, 75; M.S. in Public Administration, 1; Diploma in Nursing, 76; Certificate for Library Work, 642.

Fees: Tuition, Adelbert College, College for Women, Law School, School of Pharmacy, School of Applied Social Sciences, School of Nursing and Graduate School, $250 a year; School of Medicine and School of Dentistry, $300 a year; School of Library Science, $200 a year; matriculation, $5; graduation, $10; Laboratory, $5 to $10. Charge for lodging and board, $500 a year.

Scholarships and fellowships: Louis K. McClymonds Scholarships available to men in arts department. About $5,000 annually available for loans. State competitive scholarships. One fellowship in Chemistry ($1,500). $5,000 annually for fellowships in Surgery (Crile).

Research: Crile Research Fellowship and Scholarship Fund in School of Medicine: Principal, $100,000; income, $5,000. H. M. Hanna Research Fellowship Fund in School of Medicine: Principal, $12,180; income, $600.

Dates of beginning and ending sessions: First half-year begins on Tuesday after the sixteenth day of September; term continues until first Saturday in February. Second half-year begins on Wednesday after first Saturday in February and continues until Commencement, Thursday after 11th day of June.

Summer Session: June 18 to July 28, 1928. 21 departments offered 195 courses in conjunction with Cleveland School of Education in 1926. Attendance 1925: 1,608.

Extension courses offered teachers in Cleveland's Public Schools in cooperation with Cleveland School of Education. Cleveland College, downtown evening college, in affiliation with Western Reserve University and Case School of Applied Science, offers work of college grade to high school graduates and adults.

Publications: Catalog in July. President's report in September. "University Bulletin," issued in July and August.

Achievements of year ending June 30, 1926; Founding of Cleveland College (situated downtown, offering evening courses), in affiliation with the Case School of Applied Science. Establishment of Graduate School. Creation of office of Dean of University Administration.

Bibliographical references: Haydn, Hiram C., "From Hudson to Cleveland." Cutler, Carroll, "History of Western Reserve During Its First Half Century."

Administrative officers: President, Robert E. Vinson; Dean of University Administration, Winfred C. Leutner; Dean of Adelbert College, Albert C. James; Registrar, Adelbert College, Edward T. Downer; Dean of College for Women, Helen M. Smith; Registrar, College for Women, L. Bernice Garritt; Dean of School of Medicine, Carl A. Hamann; Registrar, School of Medicine, Frances C. Hunter; Dean of the Law School, Walter T. Dunmore; Registrar, Law School, Clarence M. Finfrocks; Dean of School of Dentistry, Frank M. Casto; Registrar, School of Dentistry, John F.

Berry; Dean of School of Library Science, Alice S. Tyler; Dean of School of Pharmacy, Edward Spease; Dean of School of Applied Social Sciences, James E. Cutler; Dean of School of Nursing, Louise M. Powell; Dean of Graduate School, Elbert J. Benton.

WESTMINSTER COLLEGE

FULTON, MISSOURI

Liberal arts college for men, controlled by Synods of Missouri of the Presbyterian Church, U. S. A., and Presbyterian Church, U. S.

Presbytery of Missouri September 29, 1849, appointed a committee to consider establishing a Synodical college. February 18, 1851, Fulton College chartered by Presbyterian Church of Fulton, and opened October, 1851. In October, 1852, Synod accepted Fulton College and changed the name to Westminster. Re-chartered 1853.

Board of 12 trustees, elected by Presbyterian Synod of Missouri, U. S. A., and 12 elected by Presbyterian Synod of Missouri, U. S., 4 being elected from each group each year. Trustees must be Presbyterians connected with churches in Synod of Missouri.

Endowment, $627,636.80. Expenditures for year ending June 30, 1926: $88,646.10.

Seven buildings and 40 acre campus valued at $375,295.21. One dormitory (50–60).

Library: 12,000 volumes.

Science Hall (1901), valued at $31,667.01. Equipment: $13,066.59.

Athletic field and field house.

Admission requirements: 15 units. No conditions allowed.

Degree requirements: 124 semester hours. Latin required for A.B. degree.

Daily chapel attendance and one church service on Sunday required.

Departments and Staff: Bible: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 1, 0, 0, 2. French: 0, 0, 0, 2. Geology: 1, 0, 0, 0. German: 0, 0, 0, 1. Greek: 1, 0, 0, 0. History: 1, 0, 0, 1. Latin: 1, 0, 0, 0. Mathematics: 2, 0, 0, 0. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 0, 1. Physics and Applied Mathematics: 1, 0, 0, 0. Social and Political Science: 1, 0, 0, 0. Spanish: 0, 0, 0, 1.

Enrolment for year 1925–26: 238. Total number of matriculates since foundation: 4,473.

Degrees conferred June, 1926: 26 Bachelors and 3 D.D. degrees. Total number of Bachelor's degrees conferred: 602.

Fees: Annual tuition, $125. Annual library fee, $5. Annual student activities, $13. Laboratory fees vary from $2.50 to $7.50 a semester. Total annual cost including board and room: $400 to $425.

Scholarships: Endowment of $79,320.89, income from which is used for scholarships.

Employment bureau: Approximately one-third of students earn a part of expenses.

Dates of beginning and ending sessions: 2 semesters of 18 weeks each. First semester opens first or second Tuesday in September; second closes first or second week in June.

Publications: "Westminster College Bulletin," issued monthly, including the catalog as April number.

Administrative officers: President, M. E. Melvin; Dean, George B. Sweazey.

WESTMINSTER COLLEGE

NEW WILMINGTON, PENNSYLVANIA

College, coeducational, controlled by the Synod of New York, Synod of Pittsburgh, and First Synod of the West, of the United Presbyterian Church.

Founded 1852, as Westminster Collegiate Institute. Name changed in 1887 to Westminster College.

Board of 52 trustees, of whom 36 are elected by controlling synods. 8 each are nominated by the Board and the Alumni, to be confirmed by the synods.

Endowment, $690,000. Income from endowment, $35,000. Income from other sources, $67,000. Total annual expenditures year ending June 30, 1926, $102,000. Budget 1926–1927, $127,000. From Diamond Jubilee Fund Campaign, $365,000.

Grounds and buildings: Total value of grounds, 30 acres: $150,000. Total present worth of buildings: $575,000. Total value of

grounds, buildings and equipment: $750,000.

Library, 15,000 volumes; 75 current periodicals.

Laboratories: Thompson Science Hall and Clark Chemical Laboratory (1900): $93,000. Value of equipment in principal departments: $50,000.

Gymnasium (1922): $170,000.

Admission requirements: 15 units. One unit condition allowed; must be removed before end of Sophomore year.

Degree requirements: 120 semester hours and 4 hours of Physical Education. Major, 24 hours; minor, 16 hours. Chapel attendance required.

Departments and Staff: Ancient Languages: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Bible: 1, 0, 0. Chemistry: 1, 0, 1. Economics and Business Administration: 1, 0, 0. English: 1, 2, 3. Education: 1, 0, 1. History: 1, 0, 1. Mathematics: 1, 0, 0. Modern Languages: 1, 3, 0. Physics: 1, 0, 0. Music: 3, 0, 1. Physical Education: 1, 0, 1.

Fees: Tuition, $87.50 a semester. Matriculation, $5. Graduation, $5. Other general fees, $12.50. Laboratory, $1 to $10 a semester. Charge for lodging and board, $7 to $8.75 a week for women in college dormitories. Annual expenses: Liberal $800; low $600.

Employment bureau: 15 per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: Second week in September; second week in June.

Enrolment for year ending June 30, 1926: 461.

Degrees conferred year ending June 30, 1926: 67.

Publications: Catalog in March. President's report in September.

Administrative officers: President, W. Charles Wallace; Dean of the College, Charles Freeman; Dean of Women, Mrs. C. B. Robertson; Registrar, J. A. Swindler.

WEST POINT

See: United States Military Academy.

WEST VIRGINIA UNIVERSITY

MORGANTOWN, WEST VIRGINIA

State University for both men and women.

Established by act of Legislature, February 7, 1867 as The Agricultural College of West Virginia under National Land Grant Act of June 2, 1862. Name changed to West Virginia University by act of Legislature passed December 4, 1868. College of Law established in 1878; College of Engineering in 1887; Agricultural Experiment Station in 1888; College of Agriculture in 1897; School of Music in 1897; Summer School in 1898; School of Medicine in 1902.

State Board of Education composed of 7 members. 6 members appointed by the Governor of the State. The State Superintendent of Schools is an ex officio member.

Expenditures for year ending June 30, 1926: $1,882,777.41.

Grounds and buildings: Value of campus: $1,278,000. Value of all lands, including farms: $1,633,436. Value of buildings on Campus: $3,843,500. Value of all buildings, including farm buildings: $4,252,446. Total value of all buildings, land, and equipment: $7,076,078.

Library: 100,000 volumes including 8,000 government documents; 500 current periodicals.

Laboratories: Chemistry: $1,000,000. Physics: $140,000. Medicine: $55,000. Engineering: $340,000. Experiment Station: $40,000. Agriculture: $275,000. Zoology and Botany: $80,000. Value of equipment in principal departments: Chemistry: $55,871. Physics: $23,073. Medicine: $91,582. Engineering: $229,958. Experiment Station: $102,477. Agriculture: $105,220. Zoology and Botany: $35,326.

Health program: Athletic fields. Stadium (33,000). Medical Dispensary. Infirmary.

Admission requirements: 15 units including English 3 or 4; Mathematics 2; a group of 3 in a third subject; a group of 2 in a fourth subject. Applicants for admission to College of Engineering must include ½ unit in Solid Geometry. Applicants for admission to College of Law and School of Medicine must include 2 units in Latin.

Degree requirements: For degree in Col-

lege of Arts and Sciences, 128 semester hours. Major subject 30 hours. English Composition and Rhetoric 6 hours; English Literature 4; 1 Foreign language 20; History and Political Science or Economics and Sociology 8; Physics, Chemistry, or Mathematics 8; Education, Philosophy or Public Speaking 8. Military Training (for men); Physical Education (for women) 4 hours, (unless student enters with at least 2 years of advanced standing). Botany, Geology, Zoology or Entomology 8 hours.

General requirements: Freshman women required to take Physical Education throughout the year. Military Science required of men in Freshman and Sophomore years. All Freshmen are required to attend weekly convocation.

Departments and Staff: Botany: *Professors*, 1; *Associate Professors*, 1; *Assistant Professors*, 0; *Instructors*, 3. Chemistry: 3, 2, 2, 4. Economics and Sociology: 3, 0, 2, 2. Education: 2, 3, 2, 4. English: 4, 0, 2, 7. Geology: 2, 2, 0, 0. German: 1, 0, 1, 1. Greek: 1, 0, 0, 0. History and Political Science: 0, 0, 0, 5. Latin: 1, 0, 1, 0. Mathematics: 1, 3, 0, 5. Music: 1, 0, 0, 0. Pharmacy: 1, 0, 2, 0. Philosophy and Psychology: 2, 0, 0, 0. Physical Education: 0, 0, 0, 1. Physics: 2, 0, 0, 2. Public Speaking: 1, 0, 0, 2. Romance Languages: 2, 1, 2, 5. Zoology: 2, 0, 1, 1. College of Agriculture: 8, 6, 9, 21. College of Engineering: 12, 0, 9, 22. College of Law: 6, 0, 0, 1. School of Medicine: 9, 2, 2, 6.

Enrolment for year ending June 30, 1926: 3,636, including Summer School.

Degrees conferred year ending June 30, 1926: 383. Total number of degrees conferred since foundation: 3,854.

Fees: Tuition in Colleges of Arts and Sciences, Engineering, Agriculture, free for residents of West Virginia; for non-residents $50 a semester. In College of Law, $25 for residents, $50 for non-residents. In School of Medicine, $25 for residents, $100 for non-residents. Summer School, $10 for residents; $15 for non-residents. Contingent fee, $15. Student Activity Fee, $5. Medical fee, $2.50. Registration fee, $2. Diploma fee, $10. Liberal estimate of annual expenses: $750.

Employment bureau: 25 to 30 per cent of men students earn their way through college. 10 to 15 per cent of women students earn their way through college.

Dates of beginning and ending sessions: September 19, 1927 to June 7, 1928.

Summer session: June 10 to August 31, 1927. Total number of courses offered in 1926: 365. Enrolment 1926: 1,095.

University extension: Small number of Extension classes for adults. Occasional evening classes at the University.

Publications: Catalog in June. President's report biennially.

Administrative officers: President, John R. Turner; Dean, College of Arts and Sciences, J. M. Callahan; Dean, College of Engineering, C. R. Jones; Dean, College of Law, J. W. Madden; Dean, College of Agriculture, G. R. Lyman; Dean, School of Medicine, J. N. Simpson; Dean of Men, H. E. Stone; Dean of Women, Martha T. Fulton; Director, School of Music, Louis Black; Director of Mining Extension, C. E. Lawall; Director, Agricultural Experiment Station, H. G. Knight; Director of Agricultural Extension, N. T. Frame; Director of Summer School, L. L. Friend; Registrar, A. J. Hare.

WEST VIRGINIA WESLEYAN COLLEGE

BUCKHANNON, WEST VIRGINIA

College for men and women, under control of Methodist Episcopal Church.

Founded in 1890.

Board of 40 Trustees appointed by West Virginia Annual Methodist Episcopal Conference.

Endowment: $627,687. Income from endowment, $35,642. Income from other sources, $60,880. Total annual expenditures year ending June 30, 1926: $91,660. Budget, 1926–1927, $97,634.

Total value of grounds (55 acres), $74,691. Total present worth of buildings, $350,000. Total cost of grounds, buildings and equipment, $375,653.

Library (1905), 15,000 volumes.

Haymond Science Hall (1913), $50,000. Value of equipment in principal departments, $45,000.

Health program: Physical examination required. Physical Education and Hygiene required. Athletic field. Gymnasium (1912).

Admission requirements: 15 units.

Degree requirements: For A.B. and B.S.: 128 semester hours; 128 quality hours.

Chapel attendance required.

Departments and Staff: *College of Liberal Arts:* Anatomy: *Professors*, 1; *Assistant Professors*, 0; *Instructors*, 0. Business Administration and Finance: 1, 0, 0. Chemistry: 1, 0, 4. Economics: 1, 0, 0. Education: 7, 0, 0. English: 1, 0, 0. English Composition: 1, 0, 0. French: 1, 1, 0. Geology: 1, 0, 0. Germanic Language and Literature: 1, 0, 0. Greek: 1, 0, 0. History and Political Science: 1, 0, 0. Home Economics: 1, 0, 0. Latin: 1, 0, 0. Mathematics: 1, 0, 0. Philosophy and Psychology: 1, 0, 0. Physics: 1, 0, 0. Physical Education for Men: 1, 0, 0. Physical Education for Women: 1, 0, 0. Sociology: 1, 0, 0. Spanish: 1, 0, 0. *Normal School:* 6, 0, 1. *School of Music:* 4, 0, 0. *Department of Fine and Applied Arts:* 1, 0, 0. *Department of Expression:* 1 Director, 1 Assistant.

Enrolment for year ending June 30, 1926, 355.

Degrees conferred year ending June 30, 1926: A.B. and B.S., 59. Total number of degrees conferred: A.B., B.S., A.M., Mus.B., 575.

Fees: Matriculation, $5. Graduation, $5. Other general fees, $18. Laboratory from $4 to $10. Tuition, $120 a year. Room, $54 to $90. Board, $225. Annual expenses including living expenses: Liberal, $600; low, $450.

28 scholarships.

33 per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 13, 1927; June 6, 1928.

Summer session: June 7 to August 11, 1928. Attendance, 1925, 275.

University Extension: Approximately 25 courses.

Publications: Catalog in May. President's report in June.

Administrative officers: President, Homer E. Wark; Dean, Thomas W. Haught; Officer in charge of foreign students, the Dean.

WHEATON COLLEGE

WHEATON, ILLINOIS

Name for bequests: Trustees of Wheaton College, Wheaton, Illinois.

College. For men and women. Privately controlled. No denominational relationship.

Founded in 1843 as Illinois Institute, a secondary school. Became Wheaton College in 1860.

Board of 20 trustees.

Endowment, $600,000. Total expenditures, $125,000. Legacies and gifts to endowment, $200,000.

Total value of grounds and buildings: $500,000. Total value of equipment, $70,000.

Library, 18,550 volumes; 105 current periodicals.

Value of laboratory equipment in principal departments, $18,992.99.

Observatory: 12½-inch reflector. Smaller refracting telescope and other equipment.

Gymnasium. Athletic field.

Admission requirements: 15 units, including Language 2, History and Civics 1½, English 3, Algebra 1, Geometry 1, Laboratory Science 1.

Degree requirements: 130 semester hours and 130 grade points. For B.A.: Major of 20 hours and a minor of 12 hours and either 4 years of Ancient or Modern Language or 2 years of either provided 4 units of language had been presented as entrance credit. Prescribed courses: Rhetoric 6 hours, Social Science 6, Psychology, Ethics and Theism 6, Bible 8, Physical Training 2.

Chapel attendance required.

Departments and Staff: Ancient Languages: *Professors* 2; *Assistant Professors*, 0; *Instructors*, 0. Bible: 0, 0, 1. Biology: 1, 0, 0. Chemistry: 1, 0, 1. Education: 1, 1, 0. English: 3, 1, 0. History: 1, 0, 1. Mathematics: 1, 1, 1. Modern Languages: 1, 1, 1. Physics: 1, 0, 0. Social Sciences: 1, 0, 0.

Enrolment for year ending June 30, 1926, 377.

Degrees conferred year ending June 30, 1926, 61: B.A., 54; B.S., 7. Degrees conferred since foundation, 875.

Fees: Tuition, $140 a year. General fees,

$10 a semester. Laboratory fees, $4 to $5 a semester.

Scholarships: 37 scholarships paying $60 a year. 10 LaVerne Noyes scholarships, paying tuition of World War veterans or their descendants.

Dates of beginning and ending sessions: Middle of September to last of January; first of February to middle of June.

Summer session: 8 weeks. Attendance, 1925, 108.

Publications: Monthly bulletins.

Achievements of year ending June 30, 1926: Chapel erected.

Administrative officers: President, J. Oliver Buswell; Registrar, Carlton D. Garlough.

WHEATON COLLEGE

NORTON, MASSACHUSETTS

College for women. Undenominational.

Founded 1834 as Wheaton Seminary. Charter of college granted 1912.

Self-perpetuating Board of Trustees.

Endowment: $1,300,000. Income from all sources, $450,000.

Grounds and buildings: Grounds of 100 acres; 10 halls of residence; 9 houses for faculty and staff. Value of property, $1,500,000. 9 Georgian buildings designed by Ralph Adams Cram.

Library (1922), 23,000 volumes; 124 current periodicals.

Science Hall valued at $75,000.

Observatory: 6½-inch Clark refractor.

Health program: Medical certificate and examination. Gymnasium; swimming-pool. Infirmary with a resident nurse.

Enrolment for year ending June 30, 1926, 446. Total number of matriculates since 1834, 6,324.

Degrees conferred year ending June 30, 1926, 78. Total number of degrees conferred since college charter was granted in 1912, 476.

Fees: Tuition, $300 a year; board and room, $500; single rooms, $30 extra. Laboratory and studio fees, $2 to $7 a semester, covering materials, and breakage in Chemistry and Biology. Fees for Household Economics and Physical Education, $5 a year.

Scholarships: 6 Eliza Baylies Wheaton scholarships of $100 a year. Income from Metcalf Fund of $10,000. Income from Carter Fund of $7,000. Annie Talbot Cole Scholarship, income of $5,000. Income from Dorothy Prior Fund of $5,000. From the Class Fund of 1915 the income of $1,000.

Employment bureau: About 25 per cent of the students earn their way in part through college.

Dates of sessions: September 21, 1927 to February 4, 1928; February 6 to June 19, 1928.

Admission requirements: 15 units, including English 3, Latin 4, Mathematics 3, History 1, and 4 from the following: Biology, Botany, Chemistry, French, German, Greek, History, Physical Geography, Physics, Spanish, Zoology. One condition is allowed if the subject has been covered in June before entrance in September and the applicant fails in the September examination; 1 year is allowed for removal.

Degree requirements: 120 semester hours of which 68 must be of credit grade, that is, 10 per cent above passing mark. Every student expected to select two related subjects for major work, which cover 18 hours. Prescribed courses and units: English 3, French or German 3, Latin 3, Biblical Literature 3, History 3, History of Art 1½, Botany or Chemistry or Physics or Zoology 3, Household Economics 1½, Psychology and Ethics 3.

General requirements: Daily chapel attendance required and at both services on Sunday. Physical culture required with examinations. Residence in college buildings or at home required.

Departments and Staff: Art: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 1; *Instructors*, 1. Biblical Literature: 0, 0, 1, 1. Botany: 0, 1, 0, 0. Chemistry: 1, 0, 0, 0. Economics and Sociology: 0, 0, 1, 0. English: 3, 0, 1, 3. French: 1, 0, 1, 3. German: 1, 0, 0, 0. Greek: 0, 0, 1, 0. History: 1, 0, 1, 1. Household Economics: 0, 0, 0, 1. Italian: 1, 0, 0, 0. Latin: 1, 0, 0, 0. Mathematics: 0, 0, 1, 0. Music: 0, 0, 0, 2. Philosophy: 1, 0, 0, 0. Physical Education: 0, 0, 0, 2. Physics: 1, 0, 0, 0. Psychology and Education: 0, 0, 1, 0. Spanish: 0, 0, 0, 1. Zoology: 0, 1, 0, 0.

Catalog in December. President's report occasionally.

Achievements of year ending June 30, 1926: New dormitory ($350,000).

Bibliographical references: C. A. S. Crevey, "A Daughter of the Puritans." D. D. Addison, "Lucy Larcom, Life, Letters, and Diary," 1895.

Administrative officers: President, John Edgar Park; Dean, Emma Marshall Denkinger; Registrar, Sarah Belle Young.

WHITMAN COLLEGE

WALLA WALLA, WASHINGTON

Name for bequests: Board of Trustees of Whitman College.

College. Coeducational. Privately controlled.

Founded in 1859 as Whitman Seminary by Reverend Cushing Eells, missionary of the American Board in memory of his fellow missionary, Marcus Whitman, M.D., killed by Indians in 1847.

Sixty-four Overseers including 9 Trustees as Executive Committee.

Endowment: $1,187,785. Income from endowment, $44,890. Income from other sources, $146,690. Total annual expenditures year ending June 30, 1926, $204,000. Budget, 1926–1927, $91,150. Bequest of $100,000 by Judge Thomas Burke of Seattle. Gift of $25,000 by Mr. and Mrs. R. H. Parsons of Seattle.

Grounds and buildings: Campus of 30 acres and athletic field of 18 acres. Total value of grounds, $225,000. Total present worth of buildings, $188,000. Total value of grounds, buildings and equipment, $568,000.

Library, 39,250 volumes, including 11,480 government documents; 240 current periodicals.

Laboratories (1899): Value $29,000. Equipment: Biology, $12,000; Chemistry, $10,000; Physics, $8,000.

Museum: Ethnological collection illustrating life of Twana and Clallam tribes of Indians living in Puget Sound Region.

Health program: Health examination of entering Freshmen. Gymnasium. Swimming-pool. Athletic fields. Resident trained nurse.

Admission requirements: 15 units, including English 6, History 2, Algebra 2, Plane Geometry 2, Laboratory Science 2. No conditions allowed. Foreign Language required; may be postponed until after admission.

Degree requirements: 180 term hours (120 semester) and 186 quality credits. Major study, 45 hours. Prescribed courses: English Composition 5 hours, Public Speaking 3, Biblical Literature 5, Philosophy 8, Foreign Language (above 4 years admission) 10, Laboratory Science 10; in each of the three groups of Philosophy and Social Science, Language and Literature, Mathematics and Science, 30 hours. Examination to test reading knowledge of one foreign language. Examination on whole of major study at end of Senior year. For A.B. degree 10 hours of college Latin or Greek required; for B.S., 10 hours in each of two laboratory sciences required.

General requirements: Physical education required 2 years. Chapel attendance required 3 times a week. All women and Freshman men required to live in College dormitories.

Departments and Staff: Biblical Literature: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 1. Chemistry: 1, 0, 1, 0. Economics and Business: 1, 0, 0, 1. Education and Psychology: 1, 0, 0, 0. English: 1, 0, 2, 2. Geology: 1, 0, 0, 0. Greek: 1, 0, 0, 0. History: 1, 0, 0, 0. Latin: 1, 0, 1, 1. Mathematics: 1, 0, 0, 1. Mathematics (Applied): 1, 0, 0, 0. Modern Languages: 1, 0, 2, 1. Philosophy: 1, 0, 0, 0. Physical Education: 1, 0, 0, 2. Physics: 1, 0, 0, 1. Political Science: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926, 608: Men, 344; women, 264.

Degrees conferred, 1926: 83: A.B., 36; B.S., 41; B.Mus., 6. Total degrees conferred since foundation: 906: Bachelors, 873; Masters, 33.

Fees: Tuition fee, $150 a year. Laboratory fee, $3 a term. Charge for board, $216; room, $100. Annual expenses including living expenses: Liberal, $1,000; low, $500.

30 scholarships.

60 per cent of students earned way through college during year ending June 30,

1926. 312 students reported earnings of $15,000.

Dates of beginning and ending sessions: Fall quarter: September 19, 1927 to December 17. Winter quarter: January 2, 1928 to March 17. Spring quarter: March 26, 1928 to June 18, 1928.

Publications: Catalog in March. President's and Treasurer's report published annually. "Whitman College Quarterly." 29 volumes published.

Administrative officers: President, Stephen Beasley Linnard Penrose; Dean, Walter A. Bratton; Dean, Edward E. Ruby; Dean of Women, Ruth E. Wenstrom; Dean, William R. Davis; Registrar, Edward E. Ruby.

WICHITA, MUNICIPAL UNIVERSITY OF

See: Municipal University of Wichita.

WILLAMETTE UNIVERSITY

SALEM, OREGON

College of Liberal Arts; School of Law for men and women. Affiliated with Methodist Episcopal Church.

Founded 1842. Oldest college on Pacific slope and second oldest west of Mississippi River. Founded by Missionaries. Chartered as university in 1853.

Self-perpetuating Board of Trustees.

Endowment, $905,185. Income from endowment, $33,500. Income from other sources, $68,300. Total annual expenditures year ending June 30, 1926, $85,724.

Six buildings and a campus of 18 acres valued at $630,000.

Libraries of the University, and adjacent Kimball School of Theology, State Supreme Court and Salem Public Library available to students.

Health program: Directed by a University Physician. Health examinations and medical care. Physical training. Athletic field. Gymnasium.

Admission requirements: 15 units including English 3; Foreign Language 2; Mathematics 2; History 1; Laboratory Science 1.

Degree requirements: 120 semester hours; 120 quality hours; major of 22 hours; final oral examination. Courses arranged in 3 groups: Letters, Social Science, Natural Science. 25 hours required in each group with 25 additional hours in the group in which the major lies.

General requirements: Daily chapel attendance. Physical training required in Freshman and Sophomore years.

Departments and Staff: Art History: *Professors*, 0; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 1. Astronomy: 1, 0, 0, 0. Biology: 1, 0, 1, 0. Chemistry: 1, 0, 1, 0. Classical Languages: 1, 0, 1, 0. Economics and Sociology: 1, 0, 0, 0. Education: 1, 0, 0, 0. English: 2, 0, 2, 0. Modern Languages: 1, 0, 2, 0. Geology: 1, 0, 0, 0. History: 1, 1, 0, 0. Home Economics: 1, 0, 0, 0. Mathematics: 1, 0, 0, 1. Music: 3, 0, 0, 2. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: 1, 0, 2, 0. Physics: 1, 0, 0, 0. Political Science: 1, 1, 0, 0. Public Speaking: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: 609.

Degrees conferred in June, 1926: 87.

Semester Fee, $75.

Dates of beginning and ending sessions: Third Monday in September to June 15.

Summer session: June 19 to September 11, 1928.

Catalog in April.

Administrative officers: President, Carl Gregg Doney; Dean, Frank M. Erickson; Dean of Women, Frances M. Richards; Registrar, Nat E. Beaver.

WILLIAMS COLLEGE

WILLIAMSTOWN, MASSACHUSETTS

Name for bequests: The President and Trustees of Williams College.

College for men.

Chartered as "Free Schoo " March 8, 1785. Named for Colonel Ephraim Williams, who bequeathed money for foundation. College charter granted June 22, 1793.

16 trustees, 5 of whom are Alumni Trustees, 1 elected each for a period of 5 years. 16 trustees plus the President compose the Board.

26 buildings.

Library: 111,000 volumes, 20,000 pamphlets. Funds amounting to $172,000 yield income for library, exclusive of gifts and special appropriations. Chapin Library of Rare Books contains 10,000 volumes. Class of 1914 Memorial Library provides a certain number of text books for use of students of limited means.

Buildings for laboratories of Biology, Chemistry and Physics.

Geological Museum.

Observatory: Older observatory built in 1837. 7-inch equatorial telescope. Memorial Observatory contains telescope of 4.8 inches aperture.

Health program: Lasell Gymnasium. Athletic fields. Infirmary. College physicians.

Admission requirements: Every candidate must present testimonial of good character from high school principal. Entrance by certificate from certain approved schools or by examination of College Entrance Examination Board in June or at Williams College in September. One condition allowed; must be removed before Sophomore year. No special students.

Degree requirements: For B.A.: 20 year-courses or their equivalent and 20 semester grades above D. Major. For M.A.: 2 related courses of study equivalent to work of a fifth college year, work completed for B.A. being prerequisite. Thesis.

Chapel attendance required.

Departments and Staff: Astronomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 2, 0, 2, 1. Chemistry: 1, 1, 0, 3. Economics, 2, 0, 2, 0. English: 3, 0, 3, 3. Geology and Mineralogy: 1, 0, 0, 1. German: 1, 1, 1, 0. Greek: 2, 0, 4, 1. History: 2, 0, 2, 1. History of Art and Civilization: 1, 0, 0, 0. Latin: 4, 0, 3, 2. Mathematics: 1, 0, 4, 0. Philosophy: 1, 0, 1, 0. Physics: 1, 0, 2, 3. Political Science: 2, 0, 1, 0. Religion: 2, 0, 0, 1. Romance Languages: 1, 0, 4, 3.

Enrolment for year ending June 30, 1926: 766 men.

Degrees conferred year ending June 30, 1926: B.A., 140. M.A., 3. Honorary degrees, 1.

Fees: Tuition, $400 a year. Room, $35 to $130 a semester. Board, $9 to $12 a week. Stationery, books, etc., $30 a year. Laundry, repair of clothes, etc., $40 to $50. Athletic tax, about 20 per cent of room tax. Light, $5 to $9. Laboratory fees vary with course. Graduation fee, $10.

Scholarships and fellowships: 5 honor scholarships. General scholarships amounting to $15,600 annually distributed.

Employment bureau.

Dates of beginning and ending sessions: Commencement June 22 or on Monday nearest that date. College year begins Thursday of 40th week before commencement. 2 weeks Christmas vacation. 1 week Spring recess. These divide year into 2 semesters of equal length.

Summer session: Institute of Politics meets during July and August. Members occupy college dormitories and lecture halls.

Publications: Catalog in November. President's report in October.

Administrative officers: President, H. A. Garfield; Dean of the College, George E. Howes.

WILLIAM JEWELL COLLEGE

LIBERTY, MISSOURI

Name for bequests: The Trustees of William Jewell College. Coeducational; privately controlled by Baptist Denomination.

Founded, 1849. Controlled from beginning by Missouri Baptist General Association. Coeducational since 1920.

Self-perpetuating Board of Trustees subject to veto of Missouri Baptist General Association.

Endowment, $1,000,961. Income from endowment, $55,531. Income from other sources, $61,906. Total expenditures, year ending June 30, 1926, $105,437. Budget, 1926–1927, $120,500.

Campus of 100 acres valued at $77,000. Two men's residence halls (200); two women's residence halls (85). 12 buildings valued at $710,000. Total value of grounds, buildings, equipment, $890,000.

Carnegie Library (1908) cost $65,000. 32,000 volumes exclusive of government

documents. 137 current periodicals. Private library of the late Charles Haddon Spurgeon is housed in this building.

Laboratories of Chemistry, Physics and Biology in Marston Hall, valued at $225,000. Equipment: $35,000.

Health program: Athletic field; gymnasium being erected at cost of $150,000.

Admission requirements: 15 units including English 3; Mathematics 2; Foreign Language 2; History 1; Laboratory Science 1.

Degree requirements: 124 semester hours. 24 semester hours required in one subject; 16 semester hours in cognate minor; 2 years in one Foreign Language; 2 years in a different group. Positive points must exceed or equal negative points for graduation.

General requirements: 2 years of physical training required. Chapel attendance required 3 days in the week. Freshmen must live in the dormitories.

Departments and Staff: Bible: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Biology: 1, 0, 0, 0. Chemistry: 1, 1, 0, 0. Education: 1, 1, 0, 0. English: 2, 0, 0, 0. History: 1, 0, 1, 0. Languages (Ancient): 2, 0, 0, 0. Languages (Modern): 2, 0, 0, 1. Mathematics: 1, 0, 0, 0. Physics: 1, 0, 0, 0. Sociology: 1, 0, 0, 0.

Enrolment for year ending June 30, 1926: 551: Men, 417; women, 136. Total number of matriculates since foundation: 3,224.

Degrees conferred year ending June 30, 1926: A.B., 62. Total number of degrees conferred since foundation: 1,810.

Fees: Annual tuition fee, $129. Laboratory fees from $7.50 to $15. Board and room, $240 to $350 a year. Annual expenses, $400 to $450.

Scholarships and fellowships: Interest on $25,000 devoted to scholarships.

Employment bureau: About 100 students work for either a part or the whole of their expenses.

Dates of beginning and ending sessions: September 5, 1927; May 24, 1928.

Summer session: June 1 to August 11, 1928. 26 courses offered in 1926. Attendance 1925: 120.

Publications: Catalog published in March by William Jewell Press owned and controlled by the College. Monthly bulletin issued by the College.

Achievements of year ending June 30, 1926: An assembly hall, a women's dormitory, and a gymnasium under construction. General endowment increased.

Bibliographical references: James G. Clark, "History of William Jewell College."

Administrative officers: President, Harry Clifford Wayman; Dean, Robert Ryland Fleet.

WILLIAM AND MARY, COLLEGE OF

See College of William and Mary.

WILLIAM SMITH COLLEGE

GENEVA, NEW YORK

See: Hobart College.

WILSON COLLEGE

CHAMBERSBURG, PENNSYLVANIA

College for women. Organized by Presbytery of Carlisle; under the care of Synods of Pennsylvania and Baltimore of Presbyterian Church.

Chartered 1869, by the Commonwealth of Pennsylvania. Opened 1870.

Self-perpetuating board of not more than 29 trustees, at least one-half of whom must be members of the Presbyterian Church.

Endowment, $575,000. Income from endowment, $26,000. Additional income from Board of Christian Education of Presbyterian Church. Expenditures for the year ending June 30, 1926: $310,000. Endowment of Bible Chair, $100,000, completed Bequest of $25,000 received for increase of faculty salaries.

Campus of 55 acres and 15 buildings valued at $618,400.

John Stewart Memorial Library (1925): 20,000 volumes; 138 current periodicals.

Laboratories: Science Hall (1898) remodeled in 1923 as a Biological Laboratory. John Lortz Laboratory of Physics and Chemistry (1923). Laboratory of Psychology in Thompson Hall.

Astronomical Observatory (1898).

Health program: Physician in charge of health program. Examination of Freshmen at entrance. Gymnasium; swimming pool. Infirmary and resident nurse.

Admission requirements: 15 units from prescribed subjects which for A.B. course must include Latin 4 units; English 3; History 1; Mathematics 3; Foreign Language 2. For B.S., students are not required to offer Latin, but must offer 4 units of Foreign Language, not less than 2 units of any one language and at least 1 unit of Science. No conditions allowed.

Degree requirements: 160 semester hours exclusive of the Physical Education requirement of 6 units; at least 64 hours must be above D grade; 51 hours are prescribed; 30 hours must be given to major and minor subjects, the major not less than 18 hours; two-thirds of number of hours in any major or minor subject must be above D grade. Honors courses.

General requirements: All students who do not live at home required to live in college buildings in which are resident members of the faculty. Daily chapel attendance required and attendance at some church on Sunday. Physical training required for 3 years.

Departments and Staff: Bible: *Professors*, 2; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Botany and Zoology: 1, 0, 0, 2. Chemistry: 1, 0, 0, 1. Classics: 2, 0, 0, 1. Economics and Political Science: 1, 0, 0, 0. Education: 1, 0, 0, 1. English: 1, 0, 1, 3. German: 1, 0, 0, 0. History: 1, 0, 1, 0. History of Art: 1, 0, 0, 0. Mathematics: 1, 0, 0, 1. Music: 3, 0, 0, 2. Philosophy and Psychology: 1, 0, 0, 0. Physical Education: *Director*, 1 and *Associate*, 1. Physics: 1, 0, 0, 0. Romance Languages: 1, 0, 1, 3.

Fees: Tuition, $200. Board, $275. Room, $90 to $210. Other fees, $42. Total cost: $607 to $727.

Scholarships: 60 ($100 to $300 each).

Dates of beginning and ending sessions: Opens next to last Tuesday in September, and closes second Tuesday in June. The college year is 33 weeks exclusive of vacations.

Enrolment for the year ending June 30, 1926: 416. Number of matriculates since foundation: 1,360.

Degrees in 1926: 52 A.B.; 7 B.S.

Administrative Officers: President, Ethelbert D. Warfield; Dean, Lillian M. Rosenkrans; Registrar, Florence R. Heald.

WINTHROP COLLEGE, THE SOUTH CAROLINA COLLEGE FOR WOMEN

ROCK HILL, SOUTH CAROLINA

College for women, supported by the State.

Chartered 1891, by the State of South Carolina. It began as a small institution in 1886 in Columbia, S. C., financially aided by the Peabody Board. Named in honor of Robert C. Winthrop, chairman of the Peabody Board. Moved from Columbia to Rock Hill in 1895.

Board of 11 Trustees. Seven members are elected by the General Assembly of South Carolina, and 4 are ex officio members: The Governor, the State Superintendent of Education, the Chairman of the Committee on Education in the House of Representatives, and the Chairman of the Committee on Education in the Senate.

State appropriation, 1925–26: $444,665.20. Student board and fees, $329,591.32. Other sources, $73,876.79. Total income, $848,123.31. Total expenditures year ending June 30, 1926, $799,963.90.

Grounds and buildings: Campus of 75 acres. 6 residence halls (1,500). Farm of 260 acres. Grounds, buildings and equipment are valued at $2,904,236.99.

Library, 30,000 volumes; 100 current periodicals and 11,000 government publications.

Laboratories: Tillman Hall (1912): Biology, Physics and Chemistry laboratories, valued at $100,000.

Observatory: 7-inch equatorial refractor.

Health program: Health Education required of Juniors and Seniors. Medical inspection of all Freshmen at entrance. Required physical training each year; prescribed corrective work. Gymnasium; swimming pool, athletic field. Resident physician. Infirmary.

Admission requirements: Up to limit of accommodations students admitted in order

of application. 15 units, including English 4, Algebra 2, Plane Geometry 1, History 2. No conditions allowed.

Degree requirements: B.A. or B.S. conferred on completion of 182 term hours, and 240 term hours of Physical Training. In third and fourth years, students must elect major and minor subjects. Provision is made for work leading to Master's degree.

General requirements: Daily chapel attendance required.

Department and Staff: Ancient Languages: *Professors*, 1; *Assistants*, 1. Biology: 1, 3. Business Administration: 1, 1. Chemistry: 1, 3. Education: 3, 1. English: 1, 11. Fine and Industrial Arts: 1, 2. Geography and Geology: 1, 0. Health and Hygiene: 1, 0. History: 1, 4. Home Economics: 1, 3. Horticulture and Landscape Art: 1, 1. Kindergarten: 1, 0. Library Methods: 1, 0. Mathematics: 1, 3. Modern Languages: 1, 6. Music: 1, 9. Physical Education: 1, 3. Physics and Astronomy: 1, 1. Political Science: 1, 1. Psychology: 2, 1.

Enrolment for year ending June 30, 1926, 1,742. Total number of matriculates since foundation, 8,500.

Degrees conferred, 1926, 258. Total number of Bachelor's degrees conferred since foundation, 3,621. Total number of Master's degrees conferred, 50.

Fees: For term of 9 months: Board in residence halls, including matriculation, light, heat, laundry, and infirmary, $190. For use of books and apparatus, $5. Yearly tuition for residents of South Carolina, $40. Yearly tuition for non-residents of State, $80. Yearly fee for music, art or public speaking, $75. Graduation fee, $2.

Scholarships: State scholarships ($100 each): 124. Other scholarships ($100 each): 37.

Dates of beginning and ending sessions: From the second Wednesday in September to about June 1.

Summer session begins third Tuesday in June; 6 weeks. 87 courses offered in 1926. Attendance, 1926, 2,240.

University Extension: Extension Division conducts Study Centers for teachers in 33 Counties in the State. Number of teachers enrolled in 1925–26, 2,545. Extension work in Home Economics conducted in cooperation with Clemson College and the United States Department of Agriculture.

Catalog in summer.

Administrative officers: President, David Bancroft Johnson; Dean of the College, James Pinckney Kinard; Dean of Women, Mary Theresa Scudder; Registrar, C. K. Wright.

WISCONSIN, UNIVERSITY OF

See: University of Wisconsin.

WITTENBERG COLLEGE

SPRINGFIELD, OHIO

Name for bequests: Board of Directors of Wittenberg College.

College of Liberal Arts. Coeducational. Controlled by United Lutheran Church Synods of Ohio, Indiana, Michigan, Wartburg, and West Virginia.

In 1842, establishment voted by synodical conference of Lutheran Church held at Washington, Guernsey County, Ohio. Chartered by State of Ohio, March 11, 1845. Women first admitted as students in 1874.

Board of Directors, members of which are chosen annually by certain synods of the Lutheran Church, and by the alumni. The City of Springfield and Clark County are represented by members chosen by the Board.

Endowment: $1,353,450; non-productive (paying annuities), $258,430. Income from endowment, $89,935; from Lutheran Synods, $12,169; from other sources, $248,000. For year ending August 31, 1926, expenditures were $385,000. Budget for 1926–27, $400,000. $233,000 received from the General Education Board as an addition to endowment fund in 1925.

Grounds and buildings: Residence Halls, for men (140); for women (163). Total value of grounds (53 acres), $315,300. 11 buildings, valued at $866,500; two new buildings under construction. Total value of grounds, buildings and equipment, $1,437,000. Total assets, $3,100,000.

Library (1892, 1924), 37,300 volumes including 2,000 government documents; 240 current periodicals.

Carnegie Science Hall (1907). Present worth, $74,365. Value of equipment, $21,000. New Laboratories Building under construction, to house Chemistry and Psychology.

Health program: Physical examination of all Freshmen. Physical education required of all Freshmen. Part-time physician and full-time nurse. Faculty Committee on Student Health Program. Gymnasium for women. Stadium (1922), 10,000. Total value of athletic fields and buildings, $115,000.

Admission requirements: Certificate of graduation from an accredited high school; 15 units; intelligence test. Required units: English 3, Foreign Language 2, American History and Civics 1, Mathematics, Algebra 1, Plane Geometry 1, a Laboratory Science 1. One condition allowed in essential units; must be removed before student may register as Sophomore.

Degree requirements: For B.A. degree: 120 semester hours; 240 quality points. A certain number of semester hours are required in each of five groups: 1. Rhetoric, English Literature, Public Speaking, 10 semester hours; 2 Foreign Language (French, German, Greek, Latin, Spanish) 14 semester hou s; 3. Mathematics, Biology, Botany, Chemistry, Geology, Physics, 14 semester hours; 4. Bible, Education, Philosophy, Psychology, Religion, Religious Education, 12 semester hours; 5. History, Economics, Political Science, Sociology, Biography, Business Administration, Geography, 10 semester hours. Major of at least 24 semester hours; 2 minors of at least 12 semester hours each. No students may present for credit more than 36 semester hours in one department. For M.A. degree: Applicant must hold a baccalaureate degree; 30 semester hours, of which one major and two minors shall total at least 26 semester hours. At least 1 academic year in residence. A major consists of 14 to 18 semester hours. A minor, 8 to 12 semester hours. A satisfactory thesis, for which 4 semester hours credit is given. Graduate credit given only when candidate attains a grade of "B" or higher in major and "C" or higher in each minor.

Departments and Staff: Art: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 0; *Instructors*, 0. Astronomy: 0, 0, 1, 0. Bible: 1, 0, 0, 0. Biography: 0, 1, 0, 0. Biology: 0, 1, 2, 1. Business Administration: 0, 1, 2, 2. Chemistry: 1, 1, 1, 0. Comparative Literature: 3, 2, 0, 0. Economics: 0, 2, 2, 0. Education: 0, 0, 5, 2. Engineering Drawing: 0, 0, 1, 2. English: 1, 1, 3, 2. French: 1, 1, 1, 1. Geology and Geography: 1, 0, 0, 0. German: 0, 0, 1, 0. Greek: 1, 0, 1, 0. History: 2, 1, 1, 0. Home Economics: 2, 0, 0, 1. Latin: 1, 0, 0, 0. Mathematics: 1, 0, 2, 0. Missions: 1, 0, 0, 0. Music: 1, 0, 2, 3. Philosophy: 1, 0, 1, 0. Physical Education: 0, 1, 2, 0. Physics: 1, 0, 1, 1. Political Science: 2, 1, 0, 0. Psychology: 1, 1, 5, 0. Public Speaking: 1, 0, 1, 2. Religion: 1, 0, 1, 0. Religious Education: 1, 0, 0, 1. Sociology: 0, 1, 0, 0. Spanish: 0, 1, 1, 0.

Enrolment for year ending June 30, 1926, 879: Men, 489; women, 390.

Degrees conferred year ending June 30, 1926: B.A., 120; M.Mus., 6; M.A., 6; B.D., 8. Total number of degrees conferred since foundation, 2,302.

Fees and other expenses: Annual tuition, $200. Student budget, $20. Matriculation fee, $5. Science registration fee, $5. Graduation fee, $15. Departmental fees for each semester, $1.50 to $20. Room rent in dormitories, $72 to $90 a year; board, $162 and up. Minimum annual cost including tuition, fees, books, room and boa d, $484; average, $600.

Student aid: Tuition credits, special grants, and loans are available to extent of $25,000 a year.

Research bulletin published at intervals, giving results of special investigations.

Placement bureau maintained by college; part-time Director, full-time Executive Secretary.

College opens: Second Tuesday in September, continues 36 weeks. Freshman Week opens Friday preceding registration.

Summer sessions: June 14 to July 17 and July 19 to August 21, 1926. 25 departments offered 150 courses. Attendance, 1926, first term, 600; second term, 220.

University Extension: Courses in 7 centers; enrolment, 475 students.

Publications: Catalog March 1st; President's Reports in June and December.

Administrative officers: President, Rees Edgar Tulloss; Dean of the College, C. G. Shatzer; Dean of Men, B. H. Pershing; Dean of Women, Ruth Immel; Registrar, Grace N. Hannaford; Director of Extension, H. J. Arnold.

WOFFORD COLLEGE

SPARTANBURG, SOUTH CAROLINA

College of Liberal Arts and Sciences for men conferring only the B.A. degree. Owned and controlled by Methodist Episcopal Church, South.

Founded on basis of a legacy of $100,000 from Reverend Benjamin Wofford, who died December 2, 1850. Chartered by legislature of South Carolina, 1851; opened, August 1, 1854. The College was kept open during and immediately after the Civil War by annual contributions from the Southern Methodist Church, and its impaired endowment gradually restored and increased.

Board of 13 trustees nominated every 2 years by Annual Conferences of Methodist Church in South Carolina. Three-fourths of the members of the Board must be members of the Southern Methodist Church.

Endowment: $550,000. Income from endowment, 1925–26, $21,819.55. Annual appropriation by Methodist Episcopal Church, South, $12,263. Income from student fees, $37,412.89. Miscellaneous, $1,087.77. Expenditures, 1925–26, $74,098.13. Budget, 1926–27, $78,500. Notable financial items, 1925–26, $100,000 from B. N. Duke, New York; $75,000 from General Education Board; $50,000 from Citizens of Spartanburg, S. C.

Campus of 65 acres valued at $200,000; buildings, $435,000. Value of grounds, buildings and equipment, $676,591.78.

Whitefoord Smith Library (1907), 34,795 volumes, including 1,500 government documents and exclusive of pamphlets; 70 current periodicals. David Duncan Classical Collection, 1,000 volumes.

John B. Cleveland Science Hall (1904). Present value, $50,000. Value of equipment: Physics, $2,500; Chemistry, $2,000; Biology, $500; Electricity, $1,800; Mineralogy, etc., $1,500.

Health program: All R. O. T. C. students are subject to physical examinations. No gymnasium. All students not in R. O. T. C. courses and not regular members of athletic teams required to take army "setting-up" exercises, out of doors, 3 hours a week. Athletic field. Infirmary under direction of college physician.

Admission requirements: 15 units, including English 3, Algebra through Quadratics 1½, Plane Geometry 1, American History 1, one Foreign Language 3, or any 2 Foreign Languages 2 each. Units necessary to make up required 15 may be presented in Mathematics, English History, Foreign Languages or Science. No conditions allowed.

For B.A. degree 134 or 132 semester hours required. Required of all students: English 12 semester hours; 2 college years of any 2 Foreign Languages, 14; Physics and 1 other Science, 12; Bible 8.

Daily chapel attendance required.

Departments and Staff: Applied Mathematics: *Professors*, 0; *Assistant Professors*, 1; *Instructors*, 0. Bible and Psychology: 2, 0, 0. Chemistry and Biology: 1, 1, 1. Education: 1, 0, 0. English: 2, 2, 0. French and German: 1, 3, 0. Geology: 1, 0, 0. Greek: 1, 0, 0. History and Economics: 1, 0, 0. Latin: 2, 0, 0. Mathematics and Astronomy: 2, 1, 0. Military Science: 1, 2, 0. Physics: 0, 1, 0. Political and Social Science: 1, 0, 0. Religious Education: 1, 0, 0.

Enrolment, 1926, 499. Matriculates since foundation, 12,750.

Number of degrees, 1926, A.B., 95. Number since foundation, 1,772.

Fees: Matriculation, $35 a year. Tuition, $60 a year. Laboratory, $5. Student activities, $24. Medical, $10. Room and board in dormitories, $200 a year. Annual student expenses: Liberal, $600; low, $360.

Loan funds amount to $71,000; $38,000 endowed, the interest only being lent; $34,000, the principal, being lent.

In 1924 40 per cent of student body earned toward their education a total of $30,000.

Sessions begin third Thursday in September and close first Monday in June.

Summer session: June 12 to July 22, 1928. Attendance, 1926, 70.

Catalog and Alumni Bulletin.

Administrative officers: President, Henry Nelson Snyder; Dean, A. Mason DuPré; Registrar, William C. Herbert.

WOOSTER, COLLEGE OF

See: College of Wooster.

WORCESTER POLYTECHNIC INSTITUTE

WORCESTER, MASSACHUSETTS

College of Science and Engineering for men, under private control, with no denominational connections.

Founded in 1865 by John Boynton, of Templeton, Massachusetts. Chartered May 10, 1865 by legislature of Massachusetts. Opened May 12, 1868. Name changed May 26, 1887 to Worcester Polytechnic Institute.

Governed by a Corporation; 6 ex officio members, 9 life members elected by the Corporation, and 15 term members elected by the Corporation on nomination of the Alumni Association.

Endowment: $2,594,810. Annual budget (1926–27): $254,184.

Grounds and Buildings: Buildings on 30 acre campus, 12; at Hydraulic Plant, 6. Value of land: $289,200; of buildings: $1,396,966; of equipment: $593,303; total: $2,279,469. (1921).

Library: 20,000 volumes (general and departmental).

Laboratories: Mechanical Engineering: Washburn Shops (1867): the Foundry (1902); Mechanical Engineering Laboratory (1894); Power House (1894); Alden Hydraulic Laboratory (remodelled 1926). Civil Engineering in Mechanical Engineering Building. Salisbury Laboratories (1889). Chemistry and Physics. Electrical Engineering Laboratories (1907). Total valuation of scientific and engineering equipment: $500,000.

Health program: Gymnasium (1916); swimming pool (1926). Athletic fields. Valuation: $350,000. Health examination for Freshmen and Sophomores and corrective exercises prescribed. Physical Education required in Freshman and Sophomore years.

Admission requirements: A student must pass examination or be certified by his preparatory school principal in the following units: Elementary Algebra I, 1; Elementary Algebra II, 1; Plane Geometry 1; Solid Geometry ½; English I, 1½; English II, 1½; History (American, English or Ancient) 1; French or German 2; Chemistry or Physics 1.

Degree requirements: B.S. in Mechanical, Civil, Electrical Engineering, Chemistry, or General Science, is given on completion of prescribed course in any one of these departments. Total work represents about 50 hours a week for about 145 weeks, distributed over 4 years. A passing grade of 60 per cent required in each subject. In some departments a thesis is optional.

Departments and Staff: Chemistry: *Professors*, 3; *Assistant Professors*, 0; *Instructors*, 2. Civil Engineering: 1, 3, 1. Economics and Government: 1, 0, 0. Electrical Engineering: 4, 2, 2. English: 1, 1, 0. Mathematics: 2, 1, 2. Mechanical Engineering: 5, 2, 9. Modern Languages: 1, 0, 2. Physics: 3, 1, 2. Physical Education: 1, 0, 1.

Enrolment for year ending June, 1926: 550. Mechanical Engineering 91; Civil Engineering, 64; Chemistry 33; General Science 2; Electrical Engineering 184; Freshmen (course of study common to all) 176. Total number of matriculates since foundation: 5,252.

Degrees conferred year 1925–26: B.S., 92; Advanced degrees 3; Honorary degrees 6. Total number of degrees conferred since foundation: B.S., 2,672; Higher degrees, 175; Honorary degrees, 8.

Fees: Tuition, $200. Laboratory, $10. Gymnasium, $10. Student Activity Tax, $10. Chemistry, $25. Board and lodging $500. Total annual expense, $800.

Scholarships: Scholarship aid awarded annually amounts to $16,000. Loan Fund.

Research: Considerable commercial research is carried on for various industries. Much investigation involving high voltages.

Employment bureau: About one-third of

the students earn part of their college expenses.

Dates of beginning and ending sessions: First term begins Wednesday following fourth Monday in September, and continues 18½ weeks. Second term begins next Wednesday after end of first term and continues 17½ weeks. Recess of 3 days at Thanksgiving, of 10 days at Christmas, and of 5 days at Easter.

Summer session: 3 weeks practice courses for students of all departments.

Catalog published in autumn. Journal of the Institute published monthly.

Bibliographical references: "Industrial Worcester."

Administrative officers: President, Ralph Earle; Chairman, Committee on Admission, Zelotes Wood Combs; Registrar, Gertrude Rogers Rugg.

WYOMING, UNIVERSITY OF

See: University of Wyoming.

YALE UNIVERSITY

NEW HAVEN, CONNECTICUT

University, privately endowed, of 10 schools. Women are admitted as candidates for all degrees except those offered by Yale College and Sheffield Scientific School, the Divinity School, and the School of Forestry and the higher degrees in Engineering. Non-denominational.

Meeting of ministers in Branford, Connecticut, for founding a college, 1700–1701. "Collegiate School of Connecticut" chartered 1701. Removal to New Haven from Saybrook, 1716. Named Yale College, 1718. Named Yale University by act of General Assembly of State of Connecticut, 1887.

Governed by Corporation of Yale University which includes President of University, Governor and Lieutenant-Governor of State, 6 graduates elected for 6-year terms by graduates of 5 or more years' standing, and 10 Fellows, known as "the Successors of the Original Trustees."

The University comprises: 1. Undergraduate: *Yale College:* Emphasis on humanistic studies. Confers degrees of B.A. and Ph.B. *Sheffield Scientific School:* So named in 1863 after the 2 scientific schools then in existence were combined to form a new school whose benefactor was Joseph E. Sheffield of New Haven. Scientific training, leading to B.S. degree. The Freshman Year is common to both. Its function is to prepare for the more advanced work in the College and the Sheffield Scientific School. 2. *The Graduate School:* Established 1847, though advanced instruction had been given previously. Granted first Ph.D. in 1861 and first M.A. in 1876. Women first admitted to Ph.D. in 1892. In 1917 women first admitted to M.A. "The honor of having established the first creditable course of study for the degree of Doctor of Philosophy is due to Yale." (2nd annual Report of the President and Treasurer of the Carnegie Foundation for the Advancement of Teaching, 1907, p. 86). 3. *School of Medicine:* Organization for graduate study in medicine begun in 1796. Medical school as a separate organization completed in 1812. First degrees of M.D. granted in 1814. Course is now one of 4 years. 4. *Divinity School:* Instruction in Theology from the beginning. Distinct department founded 1822. Degree of B.D. granted 1867. 3-year course. 5. *School of Law:* A school for study of law founded by a Yale graduate of the class of 1797 was affiliated with the college in 1824, granting degree of LL.B. first in 1843. 3-years' course; if students do not possess a B.A., 4-years' course. 6. *School of Fine Arts:* Founded 1866. Consists of 3 departments; Department of Architecture (1913), open to men only; Department of Painting and Sculpture, and Department of Drama (1925–6). Courses, except that of School of Drama, lead to degree of B.F.A. 7. *School of Music:* Courses in music previously given in other schools made into separate school 1894. Awards degree of B.Mus. on completion of 5-year course, or Certificate of Proficiency in the Theory of Music at end of third year. 8. *School of Forestry:* Founded 1900. Pioneer organization in professional study of forestry, giving 2-year course leading to degree of Master of Forestry. 9. *School of Nursing:* Founded 1923. Course

of 28 months leading to degree of Bachelor of Nursing.

University Funds, June 30, 1926: $45,603,713.40. Income from all sources year ending June 30, 1926: $5,244,051.53. Expenditures: $4,573,441.85.

Grounds and buildings: Total number of buildings: 142. Dormitories for men number about 20. One dormitory for women students in the School of Nursing. Notable Buildings: The Memorial Quadrangle, Collegiate Gothic, James Gamble Rogers, architect. Made up of a number of dormitories surrounding inner courts and housing 636 students. Connecticut Hall: The only one of original college buildings left standing. Now used as a dormitory. University Theatre: For School of Drama and University Dramatic Association. Yale Bowl: Stadium of concrete, seating 74,786. Structure and environs occupy 25 acres of Yale Field.

Library: Old Library (1842) now only a part of a much larger structure containing main collections of books: 1,400,000 volumes. Total number of volumes in the several libraries of the University is over 1,700,000. Annual accessions exceed 50,000. Number of current newspapers, periodicals, and other serial publications currently received about 11,556 titles annually. The Sterling Memorial Library under construction. Special Collections: 1. Old English plays and 17th and 18th century pamphlets. 2. Early editions and manuscript material in field of American belles lettres. 3. Henry Fielding (1,000 volumes). 4. American Oriental Society Library. 5. Salisbury, Landberg and Babylonian Collections in field of Semitics and Biblical Languages. 6. William A. Speck Collection of Goethe Literature. 7. Boocock Library of 1,500 volumes on Social Science. 8. Penniman Memorial Library of books and periodicals on education.

Laboratories: 1. Kent Hall, used by the Institute of Psychology. 2. Sloane Physics Laboratory (1912). 3. Osborn Memorial Laboratories (1913–14): Botany and Zoology. 4. Sterling Chemistry Laboratory (1922). 5. Sheffield Hall: Bacteriological. 6. Laboratory of Applied Psychology. 7. Winchester Hall has a laboratory for cement testing; since 1923 used for Engineering. 8. Sheffield Laboratory of Engineering Mechanics (1894): Chemistry. 9. Kirtland Hall, laboratories and collections of Mineralogy, Physical and Economic Geology and Geography. 10. Hammond Mining and Metallurgical Laboratory (1903). 11. Mason Mechanical Engineering Laboratory. 12. Dunham Laboratory of Electrical Engineering (1912). 13. University Clinic. 14. Brady Memorial Laboratory (1914): For the use of the School of Medicine. 15. Brady Annex: Pathology, Bacteriology, and Clinical Microscopy. 16. Laboratory for Medicine and Pediatrics (1921). 17. Sterling Hall of Medicine: Laboratory facilities for Anatomy, Physiological Chemistry, Physiology, and Pharmacology and Toxicology.

Museums: 1. Peabody Museum (1926): Mineralogy, Paleontology, Zoology, Anthropology. Exhibits tracing the course of evolution "from protozoa up to man," "arranged biologically and evolutionally." 2. Galleries, The School of Fine Arts: Trumbull Collection of Early American Historical Paintings; Jarves Collection of Italian primitives; Achelis Collection of Dürer and Rembrandt prints. 3. Affiliated Museum: The Bernice P. Bishop Museum at Honolulu, now engaged in research on the Polynesian peoples, is an affiliated part of Yale University. 4. Institute of Psychology: Not a museum, but devoted since its foundation in 1924 to Psychological and Anthropological research with special reference to problems of human behavior.

Observatory: Building and grounds occupy 7½ acres. Special equipment includes Loomis Memorial Telescope with a 15-inch photographic lens. A second Yale Observatory erected on grounds of University of Witwatersrand in Johannesburg, South Africa, contains a 26-inch photographic telescope, the only efficient one in the southern hemisphere.

Health program: Physical examination of all candidates for a degree, and of all persons who live in University. Required vaccination against small-pox. Department of University Health is made up of a Director

who is a Doctor of Medicine, and 25 trained assistants, many of whom are also doctors. Beginning with 1926, a plan for mental hygiene work will be in effect. In Freshman year conference groups will be arranged in which the mental hygiene point of view will be presented. Groups will be limited to 15 or 20 men, and personal conferences with instructors or leaders of the groups will be arranged. Students having special problems will be reached through their own initiative through University Department of Health, and through cooperation of the Faculty. Infirmary. Serious or contagious cases are cared for at the New Haven Hospital, operated jointly with School of Medicine. Gymnasium (1888–92). All Freshmen, except those in training on teams, must take a gymnastic course which lasts from Thanksgiving to April 1. Swimming pool. Athletic field, 1½ miles west of campus, is a tract of 120 acres of land. It includes: 1. The Yale Bowl and 4 other football fields. 2. Four baseball diamonds. 3. Soccer and lacrosse fields. 4. Twenty-six tennis courts. 5. Lapham Field House (1924). Eighteen-hole golf course, laid out in a part of the Ray Tompkins Memorial, which occupies 700 acres west of the field. Two boat houses: one in New Haven Harbor, accommodating 20 crews; one in Housatonic River above Derby, Connecticut.

Admission requirements: Admission requirements for *Yale College* and the *Sheffield Scientific School* include both examinations and school record showing subjects studied, time spent on each subject and quality of work done in each subject. Examinations are given under the supervision of the College Entrance Board in June, and at the College in September. A candidate for matriculation must show in his high school records that his secondary school training has extended over 4 years, and that his course has been chiefly concerned with Languages, Mathematics, Science, and History, and that he has in general conformed to the prescribed requirements for admission.

Admission requirements for other schools: 1. *Graduate School:* Graduates of colleges and universities of good standing; subject to certain scholarship qualifications. 2. *School of Medicine:* Graduates of colleges or universities in good standing. A limited number of candidates who have successfully completed 3 years of college work of at least 15 hours a week. 3. *School of Law:* Graduates of colleges and scientific schools of approved standing whose undergraduate records show required proficiency. 4. *School of Fine Arts:* Department of Architecture: Open to those qualifying through passing examination set by the College Entrance Examination Board, to those who transfer from institutions of approved collegiate standing. Department of Drama: Special requirements for each course. Admission in general based on information received by Department from form made out by the applicant. Holders of the B.A. or its equivalent, or of higher degrees from institutions of good standing are eligible for admission. Department of Painting and Sculpture: Persons over 16, preferably those who have a high school education or its equivalent. 5. *School of Music:* Admission to persons over 16 who have successfully passed examinations in the rudiments of Music given by the School. 6. *School of Forestry:* Graduates of scientific schools, colleges and universities of high standing who have taken courses in certain prescribed studies, or those who have had 3 years of work of college grade, and who have taken certain prescribed subjects. 7. *School of Nursing:* Graduates of high schools who have had 2 or more years of college work in an institution of established standing.

Degree requirements: The Freshman year offers a common curriculum for those entering *Yale College* as candidates for B.A. and Ph.B., and *Sheffield Scientific School* as candidates for B.S. In addition to credit for Freshman Year, candidate for baccalaureate degree must have 90 credit hours and 36 Quality Credits. Honors Courses open to students with average of 80 in Freshman year and first term of Sophomore year, and recommended by Department concerned and approved by Dean. For B.A. and Ph.B. three-fifths of the work must be in the humanities; for B.A. Latin or Greek for admission and in college, required. For B.S.

student may choose to concentrate in General Science, Chemistry, Geology, Zoology and Botany, Physics and Mathematics, Premedical, Combined Premedical and Medical, Physiological Chemistry and Bacteriology, Pre-Forestry, Metallurgy, Mining Engineering, Industrial Engineering, Chemical Engineering, Engineering Science, Civil Engineering, Electrical Engineering, Mechanical Engineering. *Graduate School*, Ph.D.: B.A. and 3 years of graduate study. Examinations in French and German and general examinations in whole subject studied. Thesis. M.A. and M.S.: B.A. and 1 year of resident study. Reading knowledge of French or German. Essay. M.F.A. (Arch.): Men only who have B.A. from an approved school of architecture. 2 years of resident study; certain required courses in English and History. Proficiency in reading French, German or Italian. Essay. Doctor of Public Health: M.D. 2 years of resident study including both class and field work. Thesis. Certificate of Public Health: B.A. and 1 year of resident study. Essay. Degrees of Civil, Electrical, Mechanical and Metallurgical Engineer, and Engineer of Mines: B.A. or equivalent from approved college or technical school. 2 years of resident study. Thesis. Master of Science in the above: B.A. from approved college or technical school. Specialization for at least 2 years as an undergraduate in special field undertaken. 1 year of resident study. Essay. *School of Forestry:* Master of Forestry: B.A. or equivalent. 2 years of resident graduate study. Essay or report. *School of Law:* Master of Laws: LL.B.: credit in 24 units of study; an average of 10 per cent above passing mark. Doctor of the Science of Law: Candidates must pass with distinction graduate courses of between 12 and 20 units. Thesis. Doctor of Civil Law: 2 years of graduate study of law after degree of LL.B. has been secured. Thesis. Bachelor of Laws: Average 10 per cent above passing for all work in first year, and for 48 hours of second and third year work. Required course in Legal Ethics. *School of Fine Arts:* Bachelor of Fine Arts: In Department of Architecture: 4-year course. Thesis. Certificate of Fine Arts: In Department of Painting and Sculpture given to candidates who satisfactorily complete work of fourth year. (Given also to special students in Department of Architecture.) Bachelor of Fine Arts: In Department of Sculpture and Painting given to candidates who not only have completed satisfactorily work of fourth year, but who, in addition, have had an extra year of professional work either in the School or elsewhere. Thesis. Certificate of Accomplishment: Awarded in School of Drama to candidates who have successfully completed entire course in Drama. For holders of college degrees the course should fill 2 years. In other cases, 3 or 4 years may be necessary. *School of Music:* Bachelor of Music: 5-year course in Theory of Music; mastery in certain prescribed courses. Certificate of Proficiency in the Theory of Music. Awarded at end of third year. Certificate of Applied Music: Awarded to students who, having completed a course in study of an instrument or in singing, are qualified to act as teachers or appear as soloists. *School of Nursing:* Bachelor of Nursing: 2 full years of work in regular course. Master of Science in Nursing: B.N. at Yale or its equivalent; general requirement for M.S. degree. *School of Medicine:* M.D.: Candidates must be 21 years old, of good moral character, and must have spent at least 2 years in preparation for the degree at Yale; examinations; thesis.

General requirements: All students are required to give a $500 bond to the Bursar, executed by parent or guardian as security for payment of charges arising under laws of University. All examinations given in University are conducted under Honor System, and students are required to write a pledge at end of examination papers. In Freshman year students must demonstrate ability to swim, or take advantage offered by swimming-pool to learn how. Freshmen required to live in dormitories. Sophomores in Sheffield Scientific School required to live in dormitories. Students in Yale College required not to live in any hotel or apartment-house in which a family does not reside. Traditional chapel requirement recently abolished. All Freshmen required to eat in restaurant for Freshmen.

Departments and Staff: Anatomy: *Professors*, 1; *Associate Professors*, 0; *Assistant Professors*, 2; *Instructors*, 1. Astronomy: 2, 0, 1, 0. Bacteriology, Pathology and Public Health: 3, 2, 1, 6. Botany: 1, 2, 0, 2. Chemistry: 7, 1, 7, 8. Classics: 6, 1, 3, 5. Clinical Medicine: 14, 8, 18, 25. Economics, Sociology and Government: 9, 0, 7, 9. Education: 5, 0, 2, 9. Engineering, Administrative: 1, 0, 0, 1. Engineering, Civil: 1, 4, 1, 5. Engineering, Mechanical: 1, 3, 2, 6. Engineering Mechanics: 1, 1, 0, 3. Engineering, Mining and Metallurgy: 2, 0, 3, 0. English: 9, 0, 6, 17. Fine Arts: 4, 1, 3, 6. Forestry: 6, 0, 1, 0. Geological Sciences: 8, 0, 3, 3. Germanic Languages: 2, 2, 2, 1. History: 6, 2, 5, 11. Law: 9, 0, 2, 2. Mathematics: 4, 2, 2, 7. Military Science and Tactics: *Majors* 2, *Captains* 4. Music: 2, 0, 4, 6. Pharmacology and Toxicology: 1, 0, 1, 2. Philosophy and Psychology: 5, 0, 1, 5. Physics: 4, 3, 3, 8. Physiological Sciences: 3, 1, 3, 2. Religion: 4, 0, 1, 2. Romance Languages: 3, 3, 3, 17. Semitic Languages: 4, 0, 1, 0. Zoology: 4, 1, 2, 2. See also chapters V–VI.

Enrolment for year ending June 30, 1926: Total enrolment, 5,294. Research Fellows, 22. Candidates for degrees: Graduate School, 538; Yale College, 1,464; Sheffield Scientific School, 724; Freshman Year, 860; School of Medicine, 195; Divinity School, 223; School of Law, 412; School of Fine Arts, 226; School of Music, 96; School of Forestry, 38. School of Nursing, 39. Total candidates for degrees, 4,815. Not candidates for degrees: Graduate School, 456 (this number includes 428 teachers who took courses in the Department of Education); School of Medicine, 6; Divinity School, 17; School of Fine Arts, 59; School of Music, 27; School of Forestry, 1; School of Nursing, 3. Total not candidates for degrees, 572. Women enrolled: Graduate School, 123 (this does not include the number of women teachers mentioned above); School of Medicine, 6; School of Laws, 9; School of Fine Arts, 69; School of Music, 62; School of Nursing, 39.

Degrees conferred Commencement June, 1926: 994: Bachelors: A.B., 252; Ph.B., 140; S.B., 222; B.F.A., 25; B.Mus., 8; LL.B., 74; B.D., 43. Masters: M.A., 40; LL.M., 5; M.S., 17; M.E.E., 4; M.M.E., 3; M.E.M., 2; M.F., 24. Civil Engineering, 1. Mechanical Engineering, 2. Certificate of Public Health, 1. Doctors: M.D., 49; D.P.H., 2; J.S.D., 3; Ph.D., 62. Honorary degrees, 15. Total number of degrees conferred since foundation, 42,972: B.A. (B.A. plus Ph.B.), 21,778; Ph.B. (Ph.B. plus B.S.), 8,113; M.A., 1,357; M.S., 197; C.E., 89; M.E., 104; E.M., 38; E.E., 17; Metallurgical Engineer, 2; D.P.H., 6; Certificate of Public Health, 15; Ph.D., 2,304; B.F.A., 129; B.Mus., 101; M.F., 519; M.D., 1,792; LL.B., 2,939; B.C.L., 9; LL.M., 259; D.C.L., 36; J.D., 38; J.S.D., 8; B.D., 1,603; Honorary degrees, 2,031.

Fees: *Undergraduate fee:* Entrance examination fee, $10. Fee for anticipation of courses (each credit hour), $5. Tuition fee in Undergraduate Schools, $350 a year. Laboratory fees, $5 to $45. In *Sheffield Scientific School:* Electrical, Industrial and Mechanical Engineering courses require an out of town trip, expenses of which approximate $100. Room, Freshman Year, $80 to $360 a year. *Yale College*, $110 to $330 a year; *Sheffield Scientific School*, $72 to $330 a year. Board, Freshman Restaurant (6 days a week), $8.50; Cafeteria for Upperclassmen, average charge each meal, $.40. Graduation fee, $20. *Divinity School:* Required annual fees: University Library fee, $10. Care of room, $14. Lighting of room, $10 to $15. Heating of room, $20 to $30. Graduation fee $20. *School of Fine Arts:* Tuition fees (annual): Architecture, $250; Drama, $200. Painting and Sculpture, $150. Fee for part-time students from other schools in Drawing, Painting, and Modelling, $25. Special fees (annual): Fee for students in Architecture and Painting, $15. Fee for students in Sculpture, $30. Certificate, $5. B.F.A. graduation fee, $20. *School of Forestry:* Annual tuition fee, $125. Laboratory fee for courses in Osborn Memorial Laboratories, $10. Cost for field courses: Junior Year, $30; Senior Year, $125 and board and tent, $8.50 a week. Graduation fee, $20. *Graduate School:* Annual tuition for full course, $200. Non-residence fee for completing dissertation for Ph.D., $75; for other degrees, $50. Graduation fee, $20. *School of Law:* Regis-

tration fee (subtracted later from tuition), $10. Annual tuition and use of library, $250. Graduation fee, $20. *School of Nursing:* Matriculation, $5. Tuition of preclinical term, $50. Tuition for first clinical year, $125. Tuition for second clinical year, $125. Graduation fee, $20. Required uniform and books (approximately), $150. Board and room provided without charge. *School of Medicine:* Matriculation fee, $5. Annual tuition fee, $300. Graduation fee, $20. Text books, supplies, etc., total for course, $500. *School of Music:* Theory of Music, $60 a year. Theory of Music without enrolment in Applied Music, $75. Annual tuition for one exercise weekly in Applied Music, $125. Annual tuition for two exercises weekly, $250. Fee for students enrolled in other Schools of the University who are admitted to Applied Music, $100. Certificate fee, $5. Graduation fee, $20. In addition to these charges in each of the Schools, there is an interschool fee of $20 a year for each hour of instruction a week taken by students enrolled in one School in another School of the University.

Scholarships and fellowships: All applications for aid should be addressed to Bureau of Appointments, 111 College Street, New Haven, Conn. See pamphlet, "Student Self Support," 1. Tuition Remissions and Loans: Almost only form of aid available on matriculation. After Freshman year tuition aid is in form of loan payable 5 years after graduation, without interest. 2. Regional Scholarships: Established by 38 Yale Alumni Associations to assist 99 students from their territories. $500 each. About 45 others vary in stipend from $31.58 to $1,100. 3. Family and Class Scholarships: These usually give preference to those of certain families or bearing certain names or related to members of respective graduating classes. 11 vary from $150 to $1,050. 4. Prize Scholarships: 83 vary from $50 to $1,500. Graduate Scholarships, about 50. Scholarships in professional schools: More than 30. Fellowships vary in stipend from $300 to $2,500. Various and numerous prizes.

Bureau of Appointments for year ending June 30, 1926 announced a grand total of all reported earnings and scholarship or loan aid, $925,135.77. A special report is published listing earnings and types of employment.

Dates: Commencement next to last Wednesday in June. Graduating exercises for Yale College and Sheffield Scientific School the preceding day. First term opens Thursday, 38 weeks before date of the following Commencement, and closes day before opening of second term. Second term opens Thursday, 19 weeks before date of following Commencement, and closes 7 days before Commencement. Easter Recess begins at end of eighth week after opening of second term. Christmas Recess of 18 days.

Summer session: School of Forestry, Sheffield Scientific School, and School of Law. Total of 25 courses given.

University Extension: Yale University has cooperated with New Haven Y.M.C.A. officials in founding and maintaining of New Haven College, an evening school offering advanced courses to young men and women of the community. Sheffield Scientific School offers for use its classrooms and laboratories. Members of Yale faculty are on teaching staff of the college.

Publications: General Catalog annually in May. President's Report annually in January. "Yale University Bulletin," semimonthly, includes: University Catalog, Reports of the President and Treasurer, Catalogs of the several Schools, Alumni Directory and Quinquennial Catalog, Obituary Record. Yale University Press has issued 809 volumes in Literature, Science, Economics, Belles Lettres, Art, Religion, History and Government. Scholarly and other periodicals issued: 1. "American Journal of Science." Establi hed 1818 and issued monthly. 2. "Journal of the American Oriental Society." Established in 1881 and issued five times a year until 1926, when it became a quarterly. 3. "Journal of Biblical Literature." Established 1881 and issued quarterly. 4. "Tropical Woods." Established 1926 and issued quarterly. 5. "Yale Law Journal." Established 1892 and issued monthly from November to June. 6. "Yale Review." A literary magazine. Established 1911 and issued quarterly. 7. "Yale Alumni Weekly." Established 1891. Issued weekly.

One issue a month is monthly magazine edition. 8. "Yale Divinity School News." 9. "Yale Bulletin of Fine Arts." 10. "Yale Forest School News."

Achievements of year ending June 30, 1926: Work completed on University Theatre. Many old structures being torn down to make room for following buildings: Ster l ng Memorial Library, to house 5,000,000 volumes. Law School Building. William L. Harkness Recitation Hall. Charles W. Bingham Hall, a dormitory. Art Museum. Fraternity group of three buildings in a homogeneous style of architecture. War Memorial Colonnade, built by funds collected from the Alumni. Walter Camp Memorial on Yale Field being subscribed to by schools and colleges all over the country. In addition to gifts which made construction of these buildings possible, benefactions to the amount of $475,000 for use in defraying general expenses and for scho arships have been received this year. Campaign for endowment (goal, $20,000,000) launched. Notable accessions to University Library: The Gutenberg Bible, the gift of Mrs. Edward Harkness of New York City. Washington Irving's notebook in his own hand, the gift of Starling W. Childs of New York City. 500 volumes by or about Marcus Aurelius, the gift of W. S. Mason of Evanston, Illinois. Complete set of Biography of the Signers of the Declaration of Independence and a copy in Madison's hand of the "Journal, Acts, Proceedings of the Federal Convention of 1787." In curriculum note following developments: First honors law course in the United States established. The better men in third year have been set free to do more independent work than regular curriculum permits. Cooperation has been effected with secondary schools in teaching of American History by means of the films in the Yale Chronicles of America Series. First class of Yale School of Nursing graduated; degree of Bachelor of Nursing conferred upon two students. Department of Drama in the School of Fine Arts completed its first year with enrolment limited to 75 students. Cooperative study in personnel management begun by Departments of Government, Applied Psychology, Industrial Engineering, Divinity School and Bureau of Appointments to train students in the problems presented to industrial executives to-day.

Administrative officers: President, James Rowland Angell; Provost, Henry Solon Graves; Secretary, Robert Maynard Hutchins; The Freshman Year, Dean, Percy T. Walden; Yale College, Dean, Clarence W. Mendell; Sheffield Scientific School, Dean, Charles H. Warren; Graduate School, Dean, Wilbur L. Cross; School of Medicine, Dean, Milton C. Winternitz; School of Law, Dean, Thomas W. Swan; Divinity School, Dean, Charles R. Brown; School of the Fine Arts, Dean, Everett V. Meeks; School of Music, Dean, David Stanley Smith; School of Forestry, Dean, Henry S. Graves; School of Nursing, Dean, Annie W. Goodrich. Foreign students communicate with the University through the Secretary's office.

YANKTON COLLEGE

YANKTON, SOUTH DAKOTA

College; coeducational; Congregational affiliation.

Founded in 1881 by the Congregational Conference of the Territory of Dakota in session at Canton.

Self-perpetuating board of 33 Trustees.

Endowment: $600,000. Income from endowment, $35,000. Tota annual expenditures year ending June 30, 1926, $131,743. Budget, 1926–1927, $135,000. Campaign for $600,000 for increased endowment. $450,000 pledged. Lawson bequest, $25,000.

Total value of grounds (30 acres), $92,000. Total present worth of buildings, $360,000.

Library (1904), 14,500 volumes; 75 current periodicals.

Laboratories: Ward Hall (1893). Value of equipment in principal departments, $50,000.

Observatory (1894): 8-inch refractor.

Health program: Physical examinations of Freshmen and Sophomores. Crane Gymnasium (1901).

Admission requirements: 15 units, including English 3, Foreign Language 2, History 1, Mathematics 2, Science 1. Electives must be chosen from English, Foreign Languages,

History, Mathematics, Science. One condition allowed; must be removed within one year.

Degree requirements: 120 semester hours. 120 honor points.

General requirements: Physical training required during 2 years. Chapel attendance required.

Departments and Staff: Biology: *Professors*, 1; *Associate Professors*, 0; *Instructors*, 1. Dramatics and Physical Education: 0, 0, 2. Education and Sociology: 1, 0, 2. English: 1, 0, 2. Greek and Latin: 1, 0, 0. History and Economics: 1, 0, 0. Mathematics: 1, 0, 0. Modern Languages: 1, 1, 0. Music: 1, 0, 8. Philosophy: 1, 0, 0. Physics and Chemistry: 1, 0, 0. Public Speaking: 0, 0, 1. Religious Education: 1, 0, 0.

Enrolment for year ending June 30, 1926, 587. Total number of matriculates since foundation, 6,000.

Degrees conferred year ending June 30, 1926, 35. Total number of degrees conferred since foundation, 400.

Fees: Tuition, $120 a year. Graduation, $5. Laboratory, $10 a semester. Charge for lodging and board, $7 a week. Annual expenses: Liberal, $550; low, $400.

Scholarships: 24 of from $15 to $60 a semester.

50 per cent of students earned way through college during year ending June 30, 1926.

Dates of beginning and ending sessions: September 12, 1927; January 27, 1928. February 1; June 6, 1928.

Summer session: June 6-July 18, 1928. Attendance, 1925, 177.

Publications: Catalog in April. President's report in June.

Administrative officers: President, G. W. Nash; Dean, W. J. McMurtry; Dean of Women, Clara P. Swain; Registrar, M. A. Stewart.

APPENDICES

I

AMERICAN COUNCIL ON EDUCATION

Constitution

1. Name: The name of the organization shall be "American Council on Education."

2. Object: The general object of the Council is to promote and carry out cooperative action in matters of common interest to the associations represented. It is understood that such matters will lie mainly in the field of university and college work, and in related educational fields. The Council was organized to meet national needs in time of war and will always seek to render patriotic service. It will also encourage international cooperation in educational matters.

3. Membership: The membership of the Council shall consist of three classes of members—constituent, associate, and institutional.

Constituent Members: This group shall consist of national educational organizations and such other bodies having similar interests as may from time to time be added by the Council.

Each organization shall be represented on the Council by three members who shall vote as a unit through a designated person. It is recommended that each organization in the first election following the date of this meeting, elect one member for a term of one year; one for a term of two years; and one for a term of three years; and that all subsequent elections be for terms of three years. Elections of new members to the Council shall take effect immediately following such elections. Any election to fill a vacancy occurring during the year shall take effect at once, and shall be for the remaining period of the term thus filled.

The Council shall report its actions to the several organizations at the close of each year ending April 30, and at such other times as may be desired.

Associate Members: Associate members shall consist of such organizations having interests related to the work of the Council as may from time to time be elected by the Council. Associate members may send one representative each to the meetings of the Council, without right to vote.

Institutional Members: This group shall consist of colleges, universities and professional and technical schools of similar grade, that contribute not less than one hundred dollars to the treasury of the Council, and of other organizations of high standing that carry on higher educational activities or cooperate with educational institutions in improving instruction, and that contribute not less than five hundred dollars a year to the treasury of the Council. The conditions of eligibility for institutional membership, both for educational institutions and for other organizations, and the scale of membership fees shall be fixed by the Executive Committee of the Council. Institutional members may send one representative each to the meetings of the Council. Whenever a vote is taken, if there are negative votes, the institutional members shall be counted separately and no action shall be valid unless supported by a majority of the constituent members present and voting. On request of any three members any matter directly affecting institutional members shall be made the subject of a referendum vote by them before final action is taken by the Council.

4. Dues: The annual dues for constituent members shall be $100 a year, for associate members $10 a year, and for institutional members from $100 to $500 a year for educational institutions, and from $500 to $2,500 a year for other organizations, a portion of which shall be for one or more subscriptions to *The Educational Record* at $2.00 a year for each subscription, the number of copies to which each member is entitled being fixed by the Executive Committee.

5. Officers: The Council shall elect a Chairman, a first Vice-Chairman, a second

Vice-Chairman, a Secretary, a Treasurer, and such other officers as from time to time may seem desirable. The Treasurer need not be a member of the Council. All funds for which the Council, or any of its committees, is responsible, shall be received by the Treasurer and shall be disbursed by him under proper authority.

The Council shall also elect a salaried Director, who shall be the chief executive officer. He shall have general administrative supervision of the affairs of the Council and shall be responsible for the carrying out of such plans and policies as the Council, or its executive committee, may approve. He shall be ex officio a member of the executive committee and of all standing committees. He shall report annually to the Council, and shall make such other reports as the Chairman of the Council may request.

All officers, except the Director, shall be elected at the Annual Meeting, and their terms of office shall begin immediately following election.

6. Executive Committee: There shall be an Executive Committee consisting of ten members, eight selected from the representatives of the constituent organizations, and the Director and the United States Commissioner of Education ex officio. The Chairman and Secretary of the Council shall be Chairman and Secretary, respectively, of the Executive Committee. The remaining six members shall be elected by the Council, two at each annual meeting to serve for a three-year term. The Executive Committee shall hold meetings at least quarterly, and shall report its actions to the members of the Council after each meeting.

In case a member of the Executive Committee shall fail to attend (or to designate an alternate) at two meetings of the Executive Committee, he shall cease to be a member thereof. In case of a vacancy on the Executive Committee, the Committee shall have power to fill the vacancy until the next meeting of the Council.

7. Meetings: The annual meeting of the Council shall be held on the first Friday in May. Special meetings may be called by the Chairman. The Chairman shall call a meeting at any time at the request of representatives of any three constituent organizations.

Written notice of all meetings shall be sent to all members at least two weeks in advance, except in special circumstances when this provision may be waived by consent of the representatives of two-thirds of the organizations constituting the Council.

Those present at any meeting of which written notice has been duly given, shall constitute a quorum for the transaction of business, but no action shall become effective until approved by representatives of a majority of the organizations constituting the Council.

8. Budget: The Executive Committee shall present a budget each year at the annual meeting, and no financial obligation shall be incurred by any officer or committee except as authorized by the Council or the Executive Committee. The fiscal year of the Council shall close on April 30.

9. Traveling Expenses: The traveling expenses of the officers and the Executive Committee may be paid from the funds of the Council.

It is recommended that the traveling expenses of the other members attending the meetings of the Council be paid by the organizations which they represent.

10. Committee Appointments: The Council and the Executive Committee may appoint special committees. All committee appointments shall expire April 30, with right to reappointment. The members of committees may be selected from the members of any institution associated with one of the organizations constituting the Council. Chairmen of committees shall be invited to sit with the Council, without right to vote.

11. Authority of Committees: Final responsibility for all undertakings rests with the Council. The Executive Committee shall act for the Council between meetings, but shall refer all questions involving new policy to the members of the Council for letter ballot before taking final action. Committees are not authorized to commit the Council to any undertaking not specifically authorized by the Council or its Executive Committee.

12. Amendments: This Constitution may

be amended at any time by vote of three-fourths of the organizations constituting the Council.

Written notice of any proposed change in the Constitution shall be sent to all constituent members of the Council at least two weeks before the meeting at which the proposed change is to be considered.

Officers, 1927–28

Chairman: President Walter Dill Scott, Northwestern University, representing the Association of American Colleges.

First Vice-Chairman: Professor Shelton Phelps, George Peabody College for Teachers, representing the American Association of Teachers Colleges.

Second Vice-Chairman: President R. A. Pearson, University of Maryland, representing the Association of Land Grant Colleges.

Secretary: Mr. S. D. Shankland, National Education Association, representing the Department of Superintendence of the National Education Association.

Treasurer: Mr. Corcoran Thom, American Security and Trust Company, Washington, D. C.

Director: Dr. C. R. Mann.

Assistant Director: Mr. David A. Robertson.

Assistant to the Director: Dr. C. E. Hewitt.

Executive Committee: The Chairman, the Secretary. For 1 year—Dr. Chas. H. Judd, University of Chicago, representing the North Central Association of Colleges and Secondary Schools; President Wm. Mather Lewis, Lafayette College, representing the Association of Urban Universities. For 2 years—Dr. A. W. Harris, 150 Fifth Avenue, New York City, representing the Council of Church Boards of Education (to fill out the unexpired term of Dr. Anson Phelps Stokes); Dean Virginia C. Gildersleeve, Barnard College, representing the American Association of University Women (to fill out the unexpired term of Dr. R. J. Condon). For 3 years—Chancellor S. P. Capen, University of Buffalo, representing the Institute of International Education and the Association of American Medical Colleges; Mr. J. Walter Dietz, Western Electric Company, representing the American Management Association. The Director and the U. S. Commissioner of Education, ex officio.

Constituent Members and Their Delegates for 1927–28

American Association of Junior Colleges:

Doak S. Campbell, Central College, Conway, Ark.

H. G. Noffsinger, Virginia Intermont College, Bristol, Va.

L. W. Smith, Joliet Junior College, Joliet, Ill.

American Association of Teachers Colleges:

Noble Lee Garrison, Teachers College, Ypsilanti, Mich.

E. L. Hendricks, State Teachers College, Warrensburg, Mo.

Shelton Phelps, George Peabody College, Nashville, Tenn.

American Association of University Professors:

H. G. Doyle, George Washington University, Washington, D. C.

H. C. Lancaster, Johns Hopkins University, Baltimore, Md.

H. W. Tyler, Massachusetts Institute of Technology, Cambridge, Mass.

American Association of University Women:

Eleanore Boswell, 1634 Eye Street N.W., Washington, D. C.

Virginia C. Gildersleeve, Barnard College, New York City.

Lois Hayden Meek, 1634 Eye Street N.W., Washington, D. C.

American Library Association:

Harrison Craver, Engineering Society Library, New York City.

H. H. B. Meyer, Library of Congress, Washington, D. C.

Ernest C. Richardson, Library of Congress, Washington, D. C.

American Management Association:

J. W. Dietz, Western Electric Co., 195 Broadway, New York City.

A. S. Donaldson, R. H. Macy & Co., New York City.

C. R. Dooley, Standard Oil Co., 26 Broadway, New York City.

ASSOCIATION OF AMERICAN COLLEGES:
S. P. Capen, University of Buffalo, Buffalo, N. Y.
W. D. Scott, Northwestern University, Evanston, Ill.
Guy E. Snavely, Birmingham-Southern College, Birmingham, Ala.

ASSOCIATION OF AMERICAN MEDICAL COLLEGES:
S. P. Capen, University of Buffalo, Buffalo, N. Y.
Burton D. Myers, Indiana University, Bloomington, Ind.
Fred C. Zapffe, 25 East Washington Street, Chicago, Ill.

ASSOCIATION OF AMERICAN UNIVER ITIES:
H. V. Ames, Unive sity of Pennsylvania, Philadelphia, Pa.
L. D. Coffman, Universi y of Minnesota, Minneapolis, Minn.
R. L. Wilbur, Stanford University, Stanford University, Calif.

ASSOCIATION OF COLLEGES AND PREPARATORY SCHOOLS OF THE MIDDLE STATES AND MARYLAND:
Ralph E. Files, East Orange High School, East Orange, N. J.
Thomas Sidwell, Sidwell's Friends School, Washington, D. C.
Mrs. Lucy L. W. Wilson, South Philadelphia High School for Girls, Philadelphia, Pa.

ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS OF THE SOUTHERN STATES:
Delegates not yet appointed.

ASSOCIATION OF LAND GRANT COLLEGES:
K. L. Butterfield, Michigan Agricultural College, East Lansing, Mich.
R. D. Hetzel, Pennsylvania State College, State College, Pa.
R. A. Pearson, University of Maryland, College Park, Md.

ASSOCIATION OF URBAN UNIVERSITIES:
Thomas S. Baker, Carnegie Institute of Technology, Pittsburgh, Pa.
C. S. Marsh, University of Buffalo, Buffalo, N. Y.
Richard R. Price, University of Minnesota, Minneapolis, Minn.

CATHOLIC EDUCATIONAL ASSOCIATION:
Rev. P. L. McCormick, Catholic University of America, Washington, D. C.
Rt. Rev. Edward A. Pace, Catholic University of America, Washington, D. C.
Rt. Rev. Thomas J. Shahan, Catholic University of America, Washington, D. C.

COUNCIL OF CHURCH BOARDS OF EDUCATION:
A. W. Harris, 150 Fifth Avenue, New York City.
Robert L. Kelly, 111 Fifth Avenue, New York City.
H. O. Pritchard, 309 Chamber of Commerce Bldg., Indianapolis, Ind.

COUNCIL OF MEDICAL EDUCATION AND HOSPITALS OF THE AMERICAN MEDICAL ASSOCIATION:
N. P. Colwell, 535 North Dearborn Street, Chicago, Ill.
Walter F. Donaldson, 8103 Jenkins Arcade, Pittsburgh, Pa.
M. W. Ireland, War Department, Washington, D. C.

DEPARTMENT OF SUPERINTENDENCE:
Frank W. Ballou, Franklin School Building, Washington, D. C.
R. J. Condon, Denton Building, Cincinnati, Ohio.
S. D. Shankland, 1201 16th St. N. W., Washington, D. C.

INSTITUTE OF INTERNATIONAL EDUCATION:
S. P. Capen, University of Buffalo, Buffalo, N. Y.
S. P. Duggan, 2 West 45th Street, New York City.
Anson Phelps Stokes, 2408 Massachusetts Avenue, N.W., Washington, D. C.

NATIONAL ASSOCIATION OF STATE UNIVERSITIES:
H. W. Chase, University of North Carolina, Chapel Hill, N. C.
R. M. Hughes, Iowa State Colleges, Ames, Iowa.
Walter A. Jessup, State University of Iowa, Iowa City, Iowa.

NATIONAL EDUCATION ASSOCIATION:
J. A. C. Chandler, College of William and Mary, Williamsburg, Va.
L. D. Coffman, University of Minnesota, Minneapolis, Minn.

David Kinley, University of Illinois, Urbana, Ill.

North Central Association of Colleges and Secondary Schools:

W. W. Boyd, Western College for Women, Oxford, Ohio.

J. B. Edmonson, University of Michigan, Ann Arbor, Mich.

H. M. Gage, Coe College, Cedar Rapids, Iowa.

Society for the Promotion of Engineering Education:

F. L. Bishop, University of Pittsburgh, Pittsburgh, Pa.

Hugh Miller, Union College, Schenectady, N. Y.

W. E. Wickenden, Engineering Societies Bldg., 33 West 39th Street, New York City.

Associate Members

Alumni Association of American Rhodes Scholars.

American Association for the Advancement of Science.

American Association of Collegiate Registrars.

American Historical Association.

American Institute of Architects.

American-Scandinavian Foundation.

Association of Collegiate Schools of Architecture.

Character Education Institution.

Engineering-Economics Foundation.

Modern Language Association of America.

National Council on Religion in Higher Educat on.

National Research Council.

National Society of College Teachers of Education.

Religious Education Association.

United Y. M. C. A. Schools.

Institutional Members, 1927–28

Alabama:

A abama Polytechnic Institute.

Birmingham-Southern College.

Howard College.

Marion Institute.

Arizona:

Arizona, University of.

Arkansas:

Ouachita College.

California:

California, University of

Claremont Colleges (Pomona College, Scripps College).

Dominican College.

Mills College.

Occidental College.

Southern California, University of.

Stanford University.

Colorado:

Colorado College.

Colorado State Teachers College.

Denver, University of.

Loretto Heights College.

Connecticut:

Connecticut College.

Wesleyan University.

Yale University.

Delaware:

Delaware, University of.

District of Columbia:

Catholic University of America.

George Washington University.

Georgetown University.

Trinity College.

Florida:

Florida State College for Women.

Florida, Universi y of.

Georgia:

Agnes Scott College.

Emory University.

Shorter College.

Wesleyan College.

Hawaii:

Hawaii, University of.

Illinois:

Carthage College.

Chicago, University of.

De Paul University.

Illinois, University of.

Knox College.

Lake Forest College.

Lewi Institute.

Loyola University.

Northwestern University.

Rockford College.

Rosary College.

St. Xavier College.

INDIANA:
De Pauw University.
Indiana University.
Notre Dame, University of.
Purdue University.
Rose Polytechnic Institute.
St. Mary's College, Notre Dame.
St. Mary-of-the-Woods College.

IOWA:
Coe College.
Cornell College.
Grinnell College.
Iowa State College of A. & M. A.
Iowa State Teachers College.
Luther College.
State University of Iowa.

KANSAS:
St. Mary's College.
Washburn College.
Wichita, Municipal University of.

KENTUCKY:
Centre College.
Georgetown College.
Kentucky, University of.
Louisville, University of.

LOUISIANA:
Louisiana State Normal College.
Louisiana State University.
Southwestern Louisiana Institute.

MAINE:
Bates College.

MARYLAND:
Goucher College.
Hood College.
Johns Hopkins University.
Maryland, University of.
Mt. St. Mary's College.
Notre Dame College
St. John's College.

MASSACHUSETTS:
Amherst College.
Boston College
Boston University.
Clark University.
Harvard University.
Massachusetts Institute of Technology.
Mt. Holyoke College.
Radcliffe College.
Smith College.
Wellesley College.
Wheaton College.
Williams College.

MICHIGAN:
Albion College.
Alma College.
Detroit, University of.
Kalamazoo College.
Marygrove College.
Michigan College of Mines.
Michigan, University of.
Western State Normal School.

MINNESOTA:
Carleton College.
College of St. Catherine.
College of St. Teresa.
Hamline University.
Macalester College.
Minnesota, University of.
St. Olaf College.

MISSISSIPPI:
Millsaps College.
Mississippi A. & M. College.
Mississippi Woman's College.

MISSOURI:
Central College.
Lindenwood College.
Missouri, University of.
Principia, The.
St. Louis University.
Washington University.
Webster College
Westminster College.

MONTANA:
Montana, University of.

NEW HAMPSHIRE:
Dartmouth College.
New Hampshire, University of.

NEW JERSEY:
College of St. Elizabeth.
Georgian Court College.
Princeton University.
Rutgers University.
Stevens Institute of Technology.

NEW MEXICO:
State University of New Mexico.

NEW YORK:
Alfred University.
Brooklyn Polytechnic Institute.
Buffalo, University of.
Colgate University.
College of the City of New York.
College of Mt. St. Vincent on Hudson.
College of New Rochelle.
College of the Sacred Heart.

Columbia University.
Cornell University.
Elmira College.
Fordham University.
Hamilton College.
Hunter College.
Manhattan College.
New York State College for Teachers.
New York University.
Rensselaer Polytechnic Institute.
Rochester, University of.
Skidmore College.
Syracuse, University of.
St. Bonaventure's College.
St. Stephen's College.
Union College.
Vassar College.
Wells College.

NORTH CAROLINA:
North Carolina College for Women.
North Carolina, University of.

OHIO:
Akron, Municipal University of.
Case School of Applied Science.
Cincinnati, University of.
Denison University.
Heidelberg College.
Lake Erie College.
Marietta College.
Miami University.
Muskingum College.
Oberlin College.
Ohio State University.
Ohio Wesleyan University.
Otterbein College.
Western Reserve University.
Wittenberg College.

OKLAHOMA:
Oklahoma, University of.

OREGON:
State Agricultural College.

PENNSYLVANIA:
Bryn Mawr College.
Carnegie Institute of Technology.
Drexel Institute.
Dropsie College.
Grove City College.
Haverford College.
Lafayette College.
Lehigh University.
Marywood College.
Pennsylvania, University of.
Pennsylvania College for Women.
Pennsylvania State College.
Pittsburgh, University of.
Seton Hill College.
St. Vincent College.
Swarthmore College.
Temple University.
Villanova College.
Wilson College.

SOUTH CAROLINA:
Converse College.
South Carolina, University of.
Winthrop College.

SOUTH DAKOTA:
Huron College.
South Dakota State School of Mines.

TENNESSEE:
Chattanooga, University of.
Southwestern.
Vanderbilt University.

TEXAS:
Baylor College for Women.
Baylor University.
College of Industrial Arts.
Incarnate Word College.
Our Lady of the Lake College.
Rice Institute.
Texas, University of.

UTAH:
Brigham-Young University.
Utah Agricultural College.

VERMONT:
Middlebury College.
Vermont, University of.

VIRGINIA:
College of William and Mary.
Sweet Briar College.
Virginia Polytechnic Institute.
Virginia, University of.
Washington and Lee University.

WASHINGTON:
Washington, University of.

WISCONSIN:
Lawrence College.
Marquette University.
Milwaukee-Downer College.
St. Mary's College.
Wisconsin, University of.

WYOMING:
Wyoming, University of.

II

LIST OF COLLEGES AND UNIVERSITIES APPROVED BY THE ASSOCIATION OF AMERICAN UNIVERSITIES

(M)—Men only; (W)—Women only; all other coeducational

* Indicates members of the Association

UNIVERSITIES OF COMPLEX ORGANIZATION, USUALLY WITH GRADUATE SCHOOLS AND CERTAIN PROFESSIONAL AND TECHNOLOGICAL SCHOOLS

Boston University, Boston, Mass.
*Catholic University of America (M), Washington, D. C.
*Clark University (M), Worcester, Mass.
*Columbia University, New York, N. Y.
*Cornell University, Ithaca, N. Y.
*Harvard University (M), Cambridge, Mass.
*Indiana University, Bloomington, Ind.
*Johns Hopkins University, Baltimore, Md.
*Leland Stanford Junior University, Stanford University, Calif.
New York University, New York, N. Y.
*Northwestern University, Evanston, Ill.
*Ohio State University, Columbus, Ohio.
*Princeton University (M), Princeton, N. J.
*State University of Iowa, Iowa City, Iowa.
*University of California, Berkeley, Calif.
*University of Chicago, Chicago, Ill.
University of Cincinnati, Cincinnati, Ohio.
University of Colorado, Boulder, Colo.
*University of Illinois, Urbana, Ill.
*University of Kansas, Lawrence, Kans.
*University of Michigan, Ann Arbor, Mich.
*University of Minnesota, Minneapolis, Min.
*University of Missouri, Columbia, Mo.
University of Nebraska, Lincoln, Neb.
*University of North Carolina, Chapel Hill, N. C.
*University of Pennsylvania, Philadelphia, Pa.
University of Pittsburgh, Pittsburgh, Pa.
University of Texas, Austin, Texas.
*University of Virginia (M), Charlottesville, Va.
University of Washington, Seattle, Wash.
*University of Wisconsin, Madison, Wis.
*Washington University, St. Louis, Mo.
Western Reserve University, Cleveland, Ohio.
*Yale University (M), New Haven, Conn.

TECHNOLOGICAL INSTITUTIONS

Agricultural College of Utah (1926), Logan, Utah.
California Institute of Technology (M) (1920), Pasadena, Calif.
Carnegie Institute of Technology (1924), Pittsburgh, Pa.
Case School of Applied Science (M), Cleveland, Ohio.
Iowa State College, Ames, Iowa.
Lehigh University (M), South Bethlehem, Pa.
Massachusetts Agricultural College (1917), Amherst, Mass.
Massachusetts Institute of Technology, Cambridge, Mass.
Pennsylvania State College, State College, Pa.
Polytechnic Institute of Brooklyn (M), Brooklyn, N. Y.
Purdue University, Lafayette, Ind.
Rensselaer Polytechnic Institute (M), Troy, N. Y.
Rose Polytechnic Institute, Terre Haute, Ind.
Simmons College (W) (1926), Boston, Mass.
State College of Washington, Pullman, Wash.
Stevens Institute of Technology (M), Hoboken, N. J.
United States Military Academy (M) (1925), West Point, N. Y.
University of Maryland (1925), College Park, Maryland.
Worcester Polytechnic Institute (M), Worcester, Mass.

COLLEGES PRIMARILY ORGANIZED WITH UNDERGRADUATE CURRICULA LEADING TO THE B.A. OR B.S., IN SOME CASES WITH STRONG TECHNOLOGICAL DIVISIONS, AND OCCASIONALLY A STRONG PROFESSIONAL SCHOOL

Agnes Scott College (W) (1920), Decatur, Ga.
Albion College (1926), Albion, Mich.
Alfred University (1922), Alfred, N. Y.
Allegheny College, Meadville, Pa.
Amherst College (M), Amherst, Mass.
Baker University (1926), Baldwin, Kans.
Barnard College (W) (1917), New York, N. Y.
Bates College, Lewiston, Me.
Beloit College, Beloit, Wis.
Birmingham Southern College (1925), Birmingham, Ala.
Boston College (M) (1924), Chestnut Hill, Mass.
Bowdoin College (M), Brunswick, Me.
Brown University, Providence, R. I.
Bryn Mawr College (W), Bryn Mawr, Pa.
Bucknell University, Lewisburg, Pa.
Carleton College, Northfield, Minn.
Carthage College (1921), Carthage, Ill.
Central College, Fayette, Missouri.
Coe College, Cedar Rapids, Iowa.
Colby College, Waterville, Me.
Colgate University (M), Hamilton, N. Y.
College of the City of New York (M) (1917), New York, N. Y.
College of New Rochelle (1925), New Rochelle, N. Y.
College of the Pacific, Stockton, Calif.
College of St. Catherine (W) (1917), St. Paul, Minn.
College of St. Elizabeth (W) (1917), Convent Station, N. J.
College of St. Teresa (W) (1918), Winona, Minn.
College of William and Mary (1922), Williamsburg, Va.
College of Wooster, Wooster, Ohio.
Colorado College, Colorado Springs, Colo.
Connecticut College for Women (W) (1924), New London, Conn.
Converse College (1925), Spartanburg, S. C.
Cornell College, Mount Vernon, Iowa.
Dartmouth College (M), Hanover, N. H.
Davidson College (M) (1922), Davidson, N. C.
Denison University, Granville, Ohio.
De Pauw University, Greencastle, Ind.
Dickinson College, Carlisle, Pa.
Doane College (1922), Crete, Neb.
Dominican College (W) (1926), San Rafael, Calif.
Drake University, Des Moines, Iowa.
Drury College, Springfield, Mo.
Earlham College, Richmond, Ind.
Elmira College (W), Elmira, N. Y.
Emory University (M) (1924), Atlanta, Ga.
Eureka College (1926), Eureka, Ill.
Florida State College for Women (W) (1924), Tallahassee, Florida.
Fordham University (M), Fordham, N. Y.
Franklin College, Franklin, Ind.
Franklin and Marshall College (M) (1924), Lancaster, Pa.
Georgetown University (M) (1924), Washington, D. C.
Gettysburg College (1926), Gettysburg, Pa.
Goucher College (W), Baltimore, Md.
Grinnell College, Grinnell, Iowa.
Hamilton College (M), Clinton, N. Y.
Hamline University (1920), St. Paul, Minn.
Haverford College (M), Haverford, Pa.
Heidelberg College (1924), Tiffin, Ohio.
Hobart College, Geneva, N. Y.
Holy Cross College, Worcester, Mass.
Howard College (1926), Birmingham, Ala.
Hunter College of the City of New York, New York, N. Y.
Illinois College (1922), Jacksonville, Ills.
Illinois Wesleyan University (1924) Bloomington, Ills.
Illinois Woman's College (W) (1920), Jacksonville, Ills.
Kenyon College (M), Gambier, Ohio.
Knox College, Galesburg, Ills.
Lafayette College (M), Easton, Pa.
Lake Erie College (W) (1917), Painesville, Ohio.
Lake Forest College, Lake Forest, Ills.
Lawrence College, Appleton, Wis.
Macalester College (1917), St. Paul, Minn.
Marietta College, Marietta, Ohio.
Miami University, Oxford, Ohio.

Middlebury College, Middlebury, Vt.
Mills College (W) (1917), Oakland, Calif.
Milwaukee-Downer College (W) (1917), Milwaukee, Wis.
Monmouth College (1924), Monmouth, Ills.
Morningside College (1919), Sioux City, Iowa.
Mount Holyoke College (W), South Hadley, Mass.
Muhlenberg College (1924), Allentown, Pa.
Municipal University of Akron (1917), Akron, Ohio.
New York State College for Teachers (1921), Albany, N. Y.
North-Western College (1922), Naperville, Ills.
Oberlin College, Oberlin, Ohio.
Occidental College (1918), Los Angeles, Calif.
Ohio University (1924), Athens, Ohio.
Ohio Wesleyan University, Delaware, Ohio.
Otterbein College (1924), Westerville, Ohio.
Our Lady of the Lake College, San Antonio, Texas.
Park College (1922), Parkville, Mo.
Pomona College, Claremont, Calif.
Radcliffe College (W), Cambridge, Mass.
Randolph-Macon College (M) (1926), Ashland, Va.
Randolph-Macon Women's College (W) (1917), Lynchburg, Va.
Reed College, Portland, Ore.
Rice Institute (1924), Houston, Tex.
Ripon College, Ripon, Wis.
Rockford College (W) (1917), Rockford, Ills.
Rosary College (W) (1924), River Forest, Ills.
Rutgers College (M), New Brunswick, N. J.
St. Lawrence University (1924), Canton, N. Y.
St. Stephens College, Annandale, N. Y.
Simpson College (1924), Indianola, Iowa.
Smith College (W), Northampton, Mass.
Swarthmore College, Swarthmore, Pa.
Sweet Briar College (W) (1921), Sweet Briar, Va.
Syracuse University, Syracuse, N. Y.
Trinity College, Durham, N. C.
Trinity College (M), Hartford, Conn.
Trinity College (W) (1917), Washington, D. C.
Tufts College, Medford, Mass.
Tulane University (M), New Orleans, La.
Union University (M), Schenectady, N. Y.
University of Alabama, University, Ala.
University of Arizona (1924), Tucson, Ariz.
University of Arkansas (1922), Fayetteville, Ark.
University of Buffalo (1926), Buffalo, N. Y.
University of Chattanooga (1924), Chattanooga, Tenn.
University of Delaware (1924), Newark, Delaware.
University of Florida (M) (1921), Gainesville, Fla.
University of Georgia (M), Athens, Ga.
University of Hawaii, Honolulu, T. H.
University of Idaho (1921), Moscow, Idaho.
University of Kentucky (1919), Lexington, Ky.
University of Maine, Orono, Me.
University of Mississippi (1924), University, Miss.
University of Montana (1919), Missoula, Mon.
University of Nevada (1920), Reno, Nev.
University of New Hampshire (1926), Durham, N. H.
University of North Dakota, University, N. D.
University of Notre Dame (M) (1924), Notre Dame, Ind.
University of Oklahoma (1917), Norman, Okla.
University of Oregon, Eugene, Ore.
University of Richmond (1924), Richmond, Va.
University of Rochester, Rochester, N. Y.
University of South Dakota, Vermilion, S. D.
University of Southern California (1922), Los Angeles, Calif.
University of the South (M), Sewanee, Tenn.
University of South Carolina (1926), Columbia, S. C.
University of Tennessee, Knoxville, Tenn.
University of Utah (1922), Salt Lake City, Utah.
University of Vermont, Burlington, Vt.
University of West Virginia (1917), Morgantown, W. Va.

University of Wyoming (1924), Laramie, Wyo.
Vanderbilt University, Nashville, Tenn.
Vassar College (W), Poughkeepsie, N. Y.
Wabash College (M), Crawfordsville, Ind.
Washburn College (1917), Topeka, Kan.
Washington and Jefferson College (M), Washington, Pa.
Washington and Lee University (M) (1917) Lexington, Va.
Wellesley College (W), Wellesley, Mass.
Wells College (W), Aurora, N. Y.
Wesleyan University (M), Middletown, Conn.
Western College for Women (W) (1920), Oxford, Ohio.
Westminster College (1921), New Wilmington, Pa.
Westminster College, Fulton, Mo.
Wheaton College (W) (1922), Norton, Mass.
Whitman College (1917), Walla Walla, Washington.
Whittier College, Whittier, Calif.
Willamette University, Salem, Ore.
William Jewell College (M), Liberty, Mo.
Williams College (M), Williamstown, Mass.
Wilson College (W) (1924), Chambersburg, Pa.
Winthrop College, (W) (1926), Rock Hill, S. C.
Wittenberg College (1924), Springfield, Ohio.

III

COLLEGES OF ARTS AND SCIENCES ACCREDITED BY THE ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS OF THE MIDDLE STATES AND MARYLAND, 1926–27

DELAWARE:
University of Delaware, Newark.

DISTRICT OF COLUMBIA:
Catholic University of America, Washington.
Georgetown University, Washington.
George Washington University, Washington.
Howard University, Washington.*
Trinity College, Washington.

MARYLAND:
Goucher College, Baltimore.
Hood College, Frederick.
Johns Hopkins University, Baltimore.
Morgan College, Baltimore.*
Mount St. Mary's College, Emmitsburg.
Notre Dame College, Baltimore.
St. John's College, Annapolis.
University of Maryland, College Park.
Washington College, Chestertown.
Western Maryland College, Westminster.

NEW JERSEY:
College of St. Elizabeth, Convent Station.
Mount St. Mary's College, Plainfield.
Princeton University, Princeton.
Rutgers University, New Brunswick.

NEW YORK:
Adelphi College, Brooklyn.
Alfred University, Alfred.
Barnard College, New York.
Canisius College, Canisius.
Colgate University, Hamilton.
College of Mount St. Vincent, New York.
College of New Rochelle, New Rochelle.
College of the City of New York, New York.
College of the Sacred Heart, New York.
Columbia University, New York.
Cornell University, Ithaca.
Elmira College, Elmira.
Fordham University, New York.
Hamilton College, Clinton.
Hobart College, Geneva.
Hunter College of the City of New York, New York.
Manhattan College, New York.
New York University, New York.
Niagara University, Niagara Falls.
St. Bonaventure's College, St. Bonaventure.
St. John's College, Brooklyn.
St. Lawrence University, Canton.
St. Stephens College, Annandale.
Skidmore College, Saratoga Springs.
Syracuse University, Syracuse.
Union University, Schenectady.
University of Buffalo, Buffalo.
University of Rochester, Rochester.
Vassar College, Poughkeepsie.
Wells College, Aurora.
William Smith College (coordinate with Hobart College), Geneva.

PENNSYLVANIA:
Albright College, Myerstown.
Allegheny College, Meadville.

* Negroes.

* Negroes.

Augustinian College of Villanova, Villanova.
Bryn Mawr College, Bryn Mawr.
Bucknell University, Lewisburg.
Dickinson College, Carlisle.
Franklin and Marshall College, Lancaster.
Geneva College, Beaver Falls.
Gettysburg College, Gettysburg.
Grove City College, Grove City.
Haverford College, Haverford.
Juniata College, Huntingdon.
Lafayette College, Easton.
Lebanon Valley College, Annville.
Lehigh University, Bethlehem.
Lincoln University, Lincoln University.*
Marywood College, Scranton.
Moravian College, Bethlehem.
Muhlenberg College, Allentown.
Pennsylvania College for Women, Pittsburgh.
Pennsylvania State College, State College.
St. Joseph's College, Philadelphia.
St. Vincent College, Beatty.
Seton Hill College, Greensburg.
Swarthmore College, Swarthmore.
Temple University, Philadelphia.
Thiel College, Greenville.
University of Pennsylvania, Philadelphia.
University of Pittsburgh, Pittsburgh.
Ursinus College, Collegeville.
Washington and Jefferson College, Washington.
Westminster College, New Wilmington.
Wilson College, Chambersburg.

IV

COLLEGES AND UNIVERSITIES ACCREDITED FOR THE YEAR 1926–27 BY THE ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS OF THE SOUTHERN STATES

ALABAMA:
Alabama College, Montevallo.
Alabama Polytechnic Institute, Auburn.
Birmingham-Southern College, Birmingham.
Howard College, Birmingham.
Judson College, Marion.
Spring Hill College, Spring Hill.
University of Alabama, University.

* Negroes.

FLORIDA:
Florida State College for Women, Tallahassee.
University of Florida, Gainesville.

GEORGIA:
Agnes Scott College, Decatur.
Emory University, Emory University.
Georgia School of Technology, Atlanta.
Georgia State College for Women, Milledgeville.
Mercer University, Macon.
Shorter College, Rome.
University of Georgia, Athens.
Wesleyan College, Macon.

KENTUCKY:
Berea College, Berea.
Centre College, Danville.
Georgetown College, Georgetown.
Transylvania College, Lexington.
University of Kentucky, Lexington.
University of Louisville, Louisville.

LOUISIANA:
Centenary College, Shreveport.
H. Sophie Newcomb Memorial College (the woman's college of Tulane University), New Orleans.
Louisiana College, Pineville.
Louisiana State University and Agricultural and Mechanical College, Baton Rouge.
Southwestern Louisiana Institute, Lafayette.
Tulane University of Louisiana, New Orleans.

MARYLAND:
Goucher College, Baltimore.
Johns Hopkins University, Baltimore.

MISSISSIPPI:
Millsaps College, Jackson.
Mississippi Agricultural and Mechanical College, Starkville.
Mississippi College, Clinton.
Mississippi State College for Women, Columbus.
Mississippi Woman's College, Hattiesburg.
University of Mississippi, University.

MISSOURI:
University of Missouri, Columbia.

NORTH CAROLINA:
Davidson College, Davidson.
Duke University (formerly Trinity College), Durham.

Elon College, Elon.
Greensboro College, Greensboro.
Guilford College, Guilford.
Meredith College, Raleigh.
North Carolina College for Women, Greensboro.
Salem College, Winston-Salem.
University of North Carolina, Chapel Hill.
Wake Forest College, Wake Forest.

SOUTH CAROLINA:
Coker College, Hartsville.
College of Charleston, Charleston.
Converse College, Spartanburg.
Erskine College, Due West.
Furman University, Greenville.
Presbyterian College of South Carolina, Clinton.
The Citadel, the Military College of South Carolina, Charleston.
University of South Carolina, Columbia.
Winthrop College, Rock Hill.
Wofford College, Spartanburg.

TENNESSEE:
George Peabody College for Teachers, Nashville.
Maryville College, Maryville.
Southwestern, Memphis.
Tusculum College, Greenville.
University of Chattanooga, Chattanooga.
University of Tennessee, Knoxville.
University of the South, Sewanee.
Vanderbilt University, Nashville.

TEXAS:
Agricultural and Mechanical College of Texas, College Station.
Baylor College for Women, Belton.
Baylor University, Waco.
College of Industrial Arts, Denton.
Incarnate Word College, San Antonio.
Our Lady of the Lake College, San Antonio.
Rice Institute, Houston.
Southern Methodist University, Dallas.
Southwestern University, Georgetown.
Texas Christian University, Fort Worth.
Trinity University, Waxahachie.
University of Texas, Austin.

VIRGINIA:
Bridgewater College, Bridgewater.
College of William and Mary, Williamsburg.
Emory and Henry College, Emory.
Hampden-Sidney College, Hampden-Sidney.
Randolph-Macon College, Ashland.
Randolph-Macon Woman's College, Lynchburg.
Sweet Briar College, Sweet Briar.
University of Richmond, Richmond.
University of Virginia, Charlottesville.
Virginia Military Institute, Lexington.
Virginia Polytechnic Institute, Blacksburg.
Washington and Lee University, Lexington.

WEST VIRGINIA:
Bethany College, Bethany.
Marshall College, Huntington.
West Virginia University, Morgantown.

V

UNIVERSITIES AND COLLEGES ACCREDITED FOR THE YEAR 1926–27 BY THE NORTH CENTRAL ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS

ARIZONA:
University of Arizona, Tucson.

ARKANSAS:
Hendrix College, Conway.
Ouachita College, Arkadelphia.
University of Arkansas, Fayetteville.

COLORADO:
Colorado Agricultural College, Fort Collins.
Colorado College, Colorado Springs.
University of Colorado, Boulder.
University of Denver, Denver.

ILLINOIS:
Armour Institute of Technology, Chicago.
Augustana College, Rock Island.
Bradley Polytechnic Institute, Peoria.
Carthage College, Carthage.
DePaul University, Chicago.
Eureka College, Eureka.
Illinois College, Jacksonville.
Illinois Wesleyan University, Bloomington.
Illinois Woman's College, Jacksonville.
James Millikin University, Decatur.
Knox College, Galesburg.
Lake Forest College, Lake Forest.

Lewis Institute, Chicago.
Loyola University, Chicago.
Monmouth College, Monmouth.
North Central College, Naperville.
Northwestern University, Evanston.
Rockford College, Rockford.
Rosary College, River Forest.
Shurtleff College, Alton.
University of Chicago, Chicago.
University of Illinois, Urbana.
Wheaton College, Wheaton.

INDIANA:
Butler University, Indianapolis.
DePauw University, Greencastle.
Earlham College, Earlham.
Franklin College, Franklin.
Hanover College, Hanover.
Indiana University, Bloomington.
Purdue University, Lafayette.
Rose Polytechnic Institute, Terre Haute.
St. Mary's College, Notre Dame.
St. Mary-of-the-Woods College, St. Mary-of-the-Woods.
University of Notre Dame, Notre Dame.
Wabash College, Crawfordsville.

IOWA:
Coe College, Cedar Rapids.
Columbia College, Dubuque.
Cornell College, Mount Vernon.
Drake University, Des Moines.
Grinnell College, Grinnell.
Iowa State College of Agriculture and Mechanic Arts, Ames.
Iowa Wesleyan College, Mount Pleasant.
Luther College, Decorah.
Morningside College, Sioux City.
Mount St. Joseph College, Dubuque.
Parsons College, Fairfield.
Penn College, Oskaloosa.
St. Ambrose College, Davenport.
Simpson College, Indianola.
State University of Iowa, Iowa City.
University of Dubuque, Dubuque.

KANSAS:
Baker University, Baldwin City.
College of Emporia, Emporia.
Kansas State Agricultural College, Manhattan.
Municipal University of Wichita, Wichita.
Ottawa University, Ottawa.
St. Benedict's College, Atchison.
St. Marys College, St. Marys.
Southwestern College, Winfield.
University of Kansas, Lawrence.
Washburn College, Topeka.

MICHIGAN:
Albion College, Albion.
Alma College, Alma.
Battle Creek College, Battle Creek.
College of the City of Detroit, Detroit.
Hillsdale College, Hillsdale.
Hope College, Holland.
Kalamazoo College, Kalamazoo.
Marygrove College, Detroit.
Michigan State College of Agriculture and Applied Science, East Lansing.
University of Michigan, Ann Arbor.

MINNESOTA:
Carleton College, Northfield.
College of St. Catherine, St. Paul.
College of St. Teresa, Winona.
College of St. Thomas, St. Paul.
Concordia College, Moorhead.
Gustavus Adolphus College, St. Peter.
Hamline University, St. Paul.
Macalester College, St. Paul.
St. Olaf College, Northfield.
University of Minnesota, Minneapolis.

MISSOURI:
Central College, Fayette.
Culver-Stockton College, Canton.
Drury College, Springfield.
Lindenwood College, St. Charles.
Missouri Valley College, Marshall.
Park College, Parkville.
St. Louis University, St. Louis.
University of Missouri, Columbia.
Washington University, St. Louis.
Webster College, Webster Grove.
Westminster College, Fulton.
William Jewell College, Liberty.

MONTANA:
Montana State College of Agriculture and Mechanic Arts, Bozeman.
University of Montana, Missoula.

NEBRASKA:
Creighton University, Omaha.
Doane College, Crete.
Hastings College, Hastings.
Nebraska Wesleyan University, University Place.
University of Nebraska, Lincoln.

New Mexico:
New Mexico College of A. & M. A., State College.
University of New Mexico, Albuquerque.
North Dakota:
Jamestown College, Jamestown.
North Dakota Agricultural College, Agricultural College.
University of North Dakota, University.
Ohio:
Antioch College, Yellow Springs.
Baldwin-Wallace College, Berea.
Capital University, Columbus.
Case School of Applied Science, Cleveland.
College of Wooster, Wooster.
Denison University, Granville.
Heidelberg College, Tiffin.
Hiram College, Hiram.
John Carroll University, Cleveland.
Kenyon College, Gambier.
Lake Erie College, Painesville.
Marietta College, Marietta.
Miami University, Oxford.
Mount Union College, Alliance.
Municipal University of Akron, Akron.
Muskingum College, New Concord.
Oberlin College, Oberlin.
Ohio State University, Columbus.
Ohio University, Athens.
Ohio Wesleyan University, Delaware.
Otterbein College, Westerville.
St. Xavier College, Cincinnati.
University of Cincinnati, Cincinnati.
University of the City of Toledo, Toledo.
Western College for Women, Oxford.
Western Reserve University, Cleveland.
Wittenberg College, Springfield.
Oklahoma:
Oklahoma Agricultural and Mechanical College, Stillwater.
Oklahoma College for Women, Chickasha.
Phillips University, East Enid.
University of Oklahoma, Norman.
South Dakota:
Dakota Wesleyan University, Mitchell.
Huron College, Huron.
South Dakota State College of Agriculture and Mechanic Arts, Brookings.
South Dakota State School of Mines, Rapid City.
University of South Dakota, Vermilion.
Yankton College, Yankton.
West Virginia:
Bethany College, Bethany.
West Virginia Collegiate Institute, Institute.
West Virginia University, Morgantown.
West Virginia Wesleyan College, Buckhannon.
Wisconsin:
Beloit College, Beloit.
Carroll College, Waukesha.
Lawrence College, Appleton.
Marquette University, Milwaukee.
Milwaukee-Downer College, Milwaukee.
St. Mary's College, Prairie du Chien.
University of Wisconsin, Madison.
Wyoming:
University of Wyoming, Laramie.

VI

COLLEGES ACCREDITED BY THE NORTHWEST ASSOCIATION OF SECONDARY AND HIGHER SCHOOLS, APRIL, 1927

University of Redlands, Redlands, Calif.
College of Idaho, Caldwell, Idaho.
University of Idaho, Moscow, Idaho.
Oregon Agricultural College, Corvallis, Ore.
Reed Institute, Portland, Ore.
University of Oregon, Eugene, Ore.
Willamette University, Salem, Ore.
Agricultural College of Utah, Logan, Utah.
Brigham Young University, Provo, Utah.
College of Puget Sound, Tacoma, Wash.
State College of Washington, Pullman, Wash.
University of Washington, Seattle, Wash.
Whitman College, Walla Walla, Wash.

VII

CATHOLIC EDUCATIONAL ASSOCIATION

In 1923 the Catholic Educational Association voted to adopt the standards recommended by the American Council on Education "with the explicit understanding that standard 4, relating to the minimum annual operating income for accredited colleges, shall be so interpreted and accepted as to mean that in the case of Catholic institutions conducted and maintained by religious

associations, financial support or contributed services equivalent in value to the endowment specified are to be regarded as substitutes to the amount of not less than $25,000, where services so contributed are equivalent to that amount. Ordinarily this would be provided for by a college with eight professors engaged solely in college work."

The association has not prepared a list of universities and colleges that meet these standards.

The Directory of Catholic Colleges and Schools, published in 1926 by the Department of Education of the National Catholic Welfare Conference, is a report of a survey in 1924 of the elementary and secondary schools, the colleges and universities supported and controlled by the Roman Catholic Church. In that year in 9,783 Catholic educational institutions in the United States there were 71,705 instructors and 2,313,183 pupils. Of colleges there were 139, in which there were 60,169 students; 46,282 in the 76 colleges for men and 13,887 in the 63 colleges for women. In the colleges for men there were 1,309 men religious teachers, 48 women religious teachers, and 1,960 lay teachers. In these colleges primarily for men, 12,945 women students were registered. In the women's colleges were 216 men religious teachers, 821 women religious teachers, and 361 lay instructors.

VIII

ASSOCIATION OF COLLEGES FOR NEGRO YOUTH

The Association of Colleges for Negro Youth at its meeting, February 5–6, 1926, in Marshall, Texas, voted to declare itself an accrediting agency. For institutions to be rated "A" it set up the minimum standards of the Association of Colleges and Preparatory Schools of the Middle States and Maryland, and for institutions to be rated "B" set up the requirements agreed upon by the Association of Colleges for Negro Youth at meetings held in Washington and Atlanta.

The term "College" as used below is understood to designate all institutions of higher education which grant non-professional bachelor's degrees.

Class A.—1. A college should demand for admission the satisfactory completion of a 4-year course of at least 15 units in a secondary school approved by a recognized accrediting agency or the equivalent of such course. The major portion of the secondary school course accepted for admission should be definitely correlated with the curriculum to which the student is admitted.

2. A college should require for graduation the completion of a minimum quantitative requirement of 120 semester hours of credit (or the equivalent in term hours, quarter hours, points, majors, or courses), with further scholastic qualitative requirements adapted by such institution to its conditions.

3. The size of the faculty should bear a definite relation to the type of institution, the number of students and the number of courses offered. For a college of approximately 100 students in a single curriculum the faculty should consist of at least eight heads of departments devoting full time to college work. With the growth of the student body the number of full-time teachers should be correspondingly increased. The development of varied curricula should involve the addition of further heads of departments.

The minimum scholastic requirement of all college teachers shall be equivalent to graduation from a recognized college and graduate work equal at least to that required for a master's degree. A college should be judged in large part by the ratio which the number of persons of professorial rank with sound training, scholarly achievement and successful experience as teachers bears to the total number of the teaching staff.

Teaching schedules exceeding 18 hours a week an instructor, or classes (exclusive of lectures) of more than thirty students, should be interpreted as endangering educational efficiency.

4. The minimum annual operating income for an accredited college, exclusive of payment of interest, annuities, etc., should be $50,000, of which not less than $25,000 should be derived from stable sources, other

than students, preferably from permanent endowments. In cases of institutions maintained by religious organizations an endowment of $500,000 is desirable, and institutions are urged to increase to that amount at the earliest possible date. Tax-supported institutions should receive an income of at least $50,000 other than student fees. Increase in faculty, student body and scope of instruction should be accompanied by increase in income from endowment. The financial status of each college should be judged in relation to its educational program.

5. The material equipment and upkeep of a college including its buildings, lands, laboratories, apparatus, and libraries, and their efficient operation in relation to its educational progress, should also be considered when judging an institution.

A college should have a live, well-distributed, professionally administered library of at least 8,000 volumes, exclusive of public documents bearing specifically upon the subjects taught and with definite annual appropriation for the purchase of new books.

6. A college should not maintain a preparatory school as part of its college organization. If such a school is maintained under the college charter it should be kept rigidly distinct and separate from the college in students, faculty, buildings and discipline.

7. In determining the standing of a college, emphasis should be placed upon the character of the curriculum, the efficiency of instruction, the standard for regular degrees, the conservatism in granting honorary degrees, the tone of the institution and its success in stimulating and preparing students to do satisfactory work in recognized graduate, professional, or research institutions.

8. No college should be accredited until it has been inspected and reported upon by an agent or agents regularly appointed by the accrediting organization.

Class B.—1. Entrance Requirements. The requirements for entrance into the Freshman class without conditions shall be 15 units of high school work; not more than 2 units of conditions may be allowed for conditional entrance.

2. Requirements for Graduation. Not less than 120 semester hours or its equivalent with further qualifications as individual colleges may see fit, shall be required for graduation.

3. Number of Degrees. The granting of a multiplicity of degrees should be discouraged.

4. Number of Departments. At least six departments with six full professors must be maintained. For a college having a maximum of six, the following are suggested: English, Foreign Languages, Mathematics, Natural Science, Social Science, and one including Philosophy, Psychology and Education.

5. Training of Faculty. All should have at least the baccalaureate degree. One-half of the faculty should have at least one year's training outside the college in which he is teaching. Three-fourths of the faculty should have at least one year of graduate work.

6. Number of Students. The number of students should be at least fifty.

7. History. Students must have been in each class of the College for at least the two preceding years.

8. Method of Admitting Students. Examination or certificate containing full statement of secondary work, character, payment of bills, knowledge of preparatory schools.

9. Laboratories. The minimum movable equipment should be as follows: Chemistry, $2,000; Physics, $2,000; Biology, $1,000. The annual expenditures for laboratories should be as follows as a minimum: Chemistry, $100 and $4 a student; Physics, $100 and $1 a student; Biology, $100 and $2 a student.

10. Library. The library should consist of at least 5,000 selected volumes, should subscribe to at least 3 dailies, 5 weeklies, and 10 magazines and journals. A minimum annual expenditure of $300 for books, $40 for papers, should be made. The library should be open at least 8 hours a day.

11. Classroom Hours. There should be a maximum of 15 hours a week for an instructor with large classes, and 20 hours a week with smaller classes.

Junior Colleges.—The scholastic requirements for teachers, their teaching schedule, and the entrance requirements of the junior college shall be substantially the same as those of senior colleges; the library must have at least 3,000 volumes; laboratory facilities must be adequate for the work which they undertake. The work must be organized on a collegiate as distinguished from a high-school basis. Junior colleges shall not confer a degree, but may give diplomas. They must carry two years of regular college work, but no more.

The Bureau of Education has undertaken a survey of negro institutions which will doubtless afford a basis for classification in accordance with the standards of the Association of Colleges for Negro Youth. The membership of the association which investigates institutions before electing them to membership is as follows:

Atlanta University, Atlanta, Ga.
Benedict College, Columbia, S. C.
Bishop College, Marshall, Texas.
Fisk University, Nashville, Tenn.
Howard University, Washington, D. C.
Johnson C. Smith University, Charlotte, N. C.
Knoxville College, Knoxville, Tenn.
Lincoln University, Lincoln University, Pa.
Morehouse College, Atlanta, Ga.
Shaw University, Raleigh, N. C.
Spelman Seminary, Atlanta, Ga.
Virginia Union University, Richmond, Va.
Wilberforce University, Wilberforce, Ohio.
Wiley University, Marshall, Texas.

In 1927 the Bureau of Education in cooperation with the Phelps-Stokes Foundation and the Association of Colleges for Negro youth, undertook a survey of all negro colleges in the United States. The Bureau of Education will publish a report of the facts concerning each institution, but will not undertake a rating of the colleges. The exhibit of facts will make it possible for the Association of Colleges for Negro Youth or any of the regional associations to determine if a given college satisfies the requirements set up by the association.

IX

JUNIOR COLLEGES

STANDARDS OF THE AMERICAN COUNCIL ON EDUCATION

Definition.—The junior college is an institution of higher education which gives two years of work equivalent in prerequisites, scope, and thoroughness to the work done in the first two years of a college as defined elsewhere by the American Council on Education.

1. *Admission of Students.*—The requirement for admission should be the satisfactory completion of a 4-year course of study in a secondary school approved by a recognized accrediting agency or the equivalent of such a course of study. The major portion of the secondary school course of study accepted for admission should be definitely correlated with the curriculum to which the student is admitted.

2. *Graduation Requirements.*—Requirements for graduation should be based on the satisfactory completion of 30 year-hours or 60 semester hours of work corresponding in grade to that given in the freshman and sophomore years of standard colleges and universities. In addition to the above quantitative requirements each institution should adopt qualitative standards suited to its individual conditions.

3. *Faculty.*—Members of the teaching staff in regular charge of classes should have a baccalaureate degree and should have had not less than one year of graduate work in a recognized graduate school; in all cases efficiency in teaching, as well as the amount of graduate work, should be taken into account.

4. Teaching schedules exceeding 16 hours per week per instructor or classes (exclusive of lectures) of more than 30 students should be interpreted as endangering educational efficiency.

5. *Curricula.*—The curricula should provide both for breadth of study and for concentration and should have justifiable relations to the resources of the institution. The number of departments and the size of the faculty should be increased with the devel-

opment of varied curricula and the growth of the student body.

6. *Enrolment.*—No junior college should be accredited unless it has a registration of not less than 50 students.

7. *Income.*—The minimum annual operating income for the two years of junior college work should be $20,000, of which not less than $10,000 should be derived from stable sources other than students, such as public support or permanent endowments. Increase in faculty, student body, and scope of instruction should be accompanied by increase of income from such stable sources. The financial status of each junior college should be judged in relation to its educational program.

8. *Buildings and Equipment.*—The material equipment and upkeep of a junior college, including its buildings, lands, laboratories, apparatus, and libraries, and their efficient operation in relation to its educational program should also be considered when judging the institution.

9. *Inspection.*—No junior college should be accredited until it has been inspected and reported upon by an agent or agents regularly appointed by the accrediting organization.

X

LIBRARY OF CONGRESS

History*

The Library of Congress was founded in the city of Washington, April 24, 1800. From this date until 1897 it was housed in special rooms in the Capitol. The first librarian, John Beckley of Virginia, was appointed by President Jefferson in 1802. During the war of 1812–14, the Library was partially destroyed by fire, August 24, 1814, and in 1815 replaced by the private library of ex-President Jefferson. The second and third librarians were Patrick Magruder (1807–1815) and George Watterston (1815–1829). The latter introduced the first catalog and classification system adopted by Jefferson in his private library.

Again in 1851, during the administration of the fourth librarian, John S. Meehan (1829–1861) the Library was visited by a disastrous fire, destroying a large part of its valuable collection, including a part of the Jefferson books.

In 1846 with the founding of the Smithsonian Institution, and under the direction of the first Secretary, Joseph Henry, a large collection of scientific and learned society publications were gathered. These publications in 1867 were transferred to the Library of Congress, and in 1900 the Smithsonian Division was separately organized.

In 1861 the fifth librarian, John C. Stephenson, was appointed and served until 1864. He was followed by Ainsworth Rand Spofford (1864–97), with whom the Library of Congress terminated its occupancy in rooms of the Capitol.

The modern and well-equipped new Library building was completed in 1897, and the first librarian of this new period was John Russell Young, who served from 1897 to 1899. On April 5, 1899, the present librarian, Dr. Herbert Putnam, was appointed, and under him is a staff of 485 trained assistants.

Collections

The collection of printed books and pamphlets, comprising over 3,500,000 volumes, is now the largest in the Western hemisphere and the third in the world. The main collections are strongest in bibliography, history, political and social sciences, public law and legislation, the fine arts, American local history, biography and genealogy. Through the Smithsonian Institution extensive files of the scientific transactions and proceedings of foreign learned societies are received. Under the operation of the copyright law has been built up (chiefly since 1870) the most complete collection in existence of the products of the American press. Through the international exchange service are now received annually about 12,000 volumes of the publications of foreign governments.

The special book collections include the library of Thomas Jefferson; the Peter Force collection of Americana, 60,000 books and pamphlets; the Toner collection of

* Johnston, W. D., "History of the Library of Congress," vol. I (1800–1864), 1904.

medicine and American local history, presented by Dr. Joseph M. Toner in 1882; the Yudin collection, 80,000 volumes chiefly in the Russian language, particularly valuable for the history of Russia, Siberia and Alaska, acquired in 1907; the Japanese collection, 9,000 volumes, purchased in 1907 with many later accessions; Huitfeldt-Kaas collection of Scandinavian literature, 5,000 volumes; the Weber collection of Sanskrit literature, 4,000 volumes; the Schiff-Deniard pamphlets relating to the Spanish-American War; the Chinese collection of 87,000 volumes (fascicules) acquired for the most part since 1906.

The John Boyd Thacher collections,* deposited in the library by Mrs. Thacher as loans, are especially noteworthy; European incunabula 840 volumes (the Library's own collection is 590 volumes) printed before the year 1501; early Americana—works relating to Columbus and the discovery of America; the French Revolution, 1,581 printed volumes; "Outlines of the French Revolution told in autographs," a collection of 1,600 letters and manuscript documents; and a collection of autograph documents and signatures of crowned heads of Europe and other foreign celebrities, 1,300 pieces. The Library has also in view the purchasing of great works of the masters of science in the early fifteenth to eighteenth centuries, forming the foundation in the history of science studies. For a good description of the yearly accessions the scholar would do well to consult the Report of the Librarian.

The main collections of the Library are supplemented by those of several separate departments and briefly mentioned hereafter under their respective headings.

Bibliography Division.—This division deals with inquiries involving research too elaborate for the attendants in the reading-room or in form inconvenient for them to handle expeditiously; compiles and publishes lists of references on topics of current interest,† particularly those pending in Congress. The division furnishes references in the case of numerous inquiries received by mail, and is also frequently called into service by members of Congress.

Manuscript Division.—Manuscript material not classified as maps, music, or prints are in this division. There is a special reading-room for the consultation of manuscripts, in which is placed the card index to the collection. The collection consists almost wholly of the papers of American public men and of the Federal Government, and is by far the largest in America, and also papers and letters of scholars and others too numerous to list. A descriptive handbook of the collections was published in 1918;* calendars have been published of several of the groups of papers, and the Journal of the Continental Congress is being published by the Library.† The various departments of the Government are authorized to turn over to the Library material of historical importance as it ceases to be needed in the departments. Much extremely valuable material has been received in pursuance of this law. Manuscripts are consulted by readers only under the supervision of attendants. The privilege of making extracts and photographs is granted on permit from the librarian.

The Wilbur Foundation of $100,000 is especially designed to meet the demand for source material in American history by reproduction through the photostat process.

Maps and Charts Divisions.—All maps, atlases, and many works on cartography are in the custody of this division. The collection is richest in maps of North America, and includes a number of manuscript maps. The collection of atlases is especially noteworthy, comprising over 5,950 titles, including most of the early printed atlases, namely, the works of Ptolemy, Ortelius, Mercator, Blaeu and others. The earliest of these and the first atlas entirely engraved on copper is the metrical translation into Italian by Berlingeri of Ptolemy's geography, published in

* Catalog of the John Thacher Collection of Incunabula. F. W. Ashley, 1915, 329 pages.

† Library of Congress. Bibliographies. *See* publications issued by the Library since 1897. Edition, October, 1925. 56 pages.

* Handbook of Manuscripts in the Library of Congress, 1918. 750 pages.

† Journals of the Continental Congress, 1774–1789. Edited by W. C. Ford, vols. 1–15 (1774–79). 1904–08.

Florence about 1480. Also of interest is a manuscript globe, 72mm. in diameter, made by Casper Vöpel in 1543. This globe is of the utmost rarity, there being only two other examples by Vöpel in existence. For a list of publications on Geography and Maps see note.*

Documents Division.—The function of this division is to acquire, arrange, and make available for use the publications of governments, national, local, and municipal, and of quasi-public bodies, such as commercial organizations, international congresses, and the like. This division has charge of the exchange of publications of the Federal Government for those of other nations. Since January, 1910, this division has edited the Monthly Check-list of State Publications which are received currently. The Library of Congress has pre-eminently the largest collection of foreign state documents.

The Legislative Reference Division.—This division renders service only to Congress, its committees and members, by gathering data bearing upon legislation but most of its files are accessible to investigators. It collects, classifies and indexes material containing information on topics likely to come up for Congressional action. Corresponding to three principal classes of topics on which information is required, the division is organized in three sections:

(a) The American law section, which indexes the Federal and State laws as rapidly as the texts become available.

(b) The Foreign law section, which indexes and translates the laws of other countries.

(c) The Economic, Statistic and History section, which collects and indexes current miscellaneous material on matters likely to be the subject of Congressional inquiry.

Law Library.—Part of the Law Library, about 40,000 volumes (American and English statutes, reports and legal periodicals, together with a selection of modern American and English treatises) is kept at the Capitol in the old Supreme Court Chambers. In the Law Library proper, located in the main building, are shelved the collections on foreign law,* history and philosophy of law, and jurisprudence, nearly complete sets of the original Records and Briefs of the United States Supreme Court, besides full sets of American reports, statutes and State session laws. The Law Library also contains a valuable collection of legal incunabula, yearbooks and other early material.

Under the direction of the Law librarian, acting under special authorization from Congress, an index to the Federal Statutes from 1789 to 1907 was compiled and published in 1908–11. This index has since been brought up to date as a card index by the American Law Section of the Legislative Reference Service.

Smithsonian Deposit.—In cooperation with the Library of Congress the Smithsonian Institution maintains a scientific library of about 500,000 titles, largely the transactions of learned societies and scientific periodicals. Half of these form the Smithsonian Division in the Library of Congress, and are accessible to all its readers. Extensive reference libraries are also maintained under the direction of the National Museum, comprising over 100,000 titles; that of the Bureau of American Ethnology, about 35,000 titles; and smaller libraries pertaining to the Astrophysical Observatory and the National Zoological Park.

The publications of the Smithsonian Institution are the Contributions to Knowledge and the Smithsonian Miscellaneous Collections containing Memoirs constituting original contributions to knowledge. Other publications, issued by branches under the direction of the Institution, include the Annual Reports, Proceedings and Bulletins of the National Museum, the Annual Reports and Bulletins of the Bureau of American Ethnology, and the Annals of the Astrophysical Observatory.

Division of Prints.—The collections of prints of all sorts, including portraits of distinguished scholars, and the books and periodicals devoted to the fine arts and architecture are in charge of this division. Worthy

* Library of Congress publications issued by the Library since 1897. Edition October, 1925. 56 pages. Geography and maps, pages, 29–31.

* See Library of Congress Publications issued by the Library since 1897. Edition of October, 1925. Page 48.

of special note are the George Lothrop Bradley print collection of 1,980 pieces, the Gardiner Green Hubbard collection of engravings of which the Library issued a catalog in 1905;* the Joseph and Elizabeth Robbins Pennell collection of Whistleriana presented in 1917, and a bequest of about 1,000 prints from the late C. L. Freer. Additions to the Hubbard collection are made from the income arising from a bequest of $20,000 made by Mrs. Hubbard for this specific purpose. In addition to these collections the T. Harrison Garett collection has been deposited as a loan for exhibition and reference, and illustrated books and prints by celebrated Japanese artists, the gift of Mr. Corsby S. Noyes.† There is also a large general collection numbering about 90,000 which is frequently drawn upon for illustrative material for schools on art and architecture in the universities, private and public schools of the District of Columbia, and art clubs.

Division of Music.—This division has the custody of the collection of music (both scores and works of music), numbering over 1,000,000 items in 1925 with yearly accessions of more than 30,000. The greater part of the collection has been acquired by copyright, but of late extensive purchases have been made in addition. The Library now owns one of the largest and finest collections of music in the world, and by far the largest in America, which illustrates the history, theory, and study of music. There is also a notable collection of old music and in addition music manuscripts and signed photographs of famous musicians. The beautiful music auditorium was made possible by the Elizabeth Sprague Coolidge Foundation‡ with the special purpose for development of the study, composition, and appreciation of classical music, as well as for lectures. This hall, completed in the autumn of 1925, was built in one of the Library courts adjoining the Music Division.

* Library of Congress Publications issued by the Library since 1897. Edition of October, 1925. Page 28.

† See Library of Congress Publications issued by the Library since 1897. Edition of October, 1925. Page 28.

‡ Report of the Librarian of Congress, 1925. Pages 1–5, also Appendix IVa and VI.

Divisions of Semitic, Slavic and Oriental Literature.—The Semitic collection contains about 22,300 volumes in the Hebrew, Yiddish and cognate languages, the most of which, collected by Dr. Ephraim Deinard, were presented to the Library by the late Mr. Jacob Schiff in 1912 and 1914. Yearly additions have made the collection one of the largest and most important, both in quality and quantity. The Slavic collection contains 80,000 volumes, chiefly in the Russian language. The private library of Gennadius Vasilievich Yudin of Krasnoiarsk, Siberia, acquired in 1907, constitutes the greater part of the collection, and additions are made each year. The Oriental collection consists chiefly of East Asiatic literature. It includes upward of 87,000 Chinese volumes, possibly the largest and best Chinese library outside of China. This collection was begun by the first American minister to China, the Honorable Cabel Cushing, who brought home about 2,500 selected works for the Library. The Honorable W. W. Rockhill gave more than 6,000 volumes and the Chinese Government gave 7,000. The preeminence of the collection is due, however, to additions in excess of 50,000 volumes selected for the Library since 1914 by Dr. Walter T. Swingle of the Department of Agriculture.* Japanese books to the number of 13,000 volumes selected for the most part by Dr. Asakava of Yale University with the assistance of other Japanese authorities, make up a good working collection for students of Japanese history, literature and institutions. East Indian languages and literature are represented by the library of the late Dr. Albrecht Weber, professor of Sanskrit at the University of Berlin, comprising 4,020 volumes acquired in 1905. Smaller groups of Manchu, Mongol, Korean, Thibetan, Turkish, Persian and Arabic books constitute the remainder of the Orientalia.

Periodical Division.—This division handles all periodicals as received, and prepares the completed volumes for binding. The total number of periodicals received is in excess of 7,400. Over 770 newspapers are currently received, including 120 foreign

* See the Report of the Librarian for 1925, also Appendix III, pages 255–285.

newspapers; of these 327 are bound and shelved. The files of American newspapers of the eighteenth century is perhaps the largest in America.* The reading-room for periodicals has seats for 200 readers, who have direct access to the current issues of about 220 newspapers, and over 1,500 magazines which are on file in this room.

Affiliated Libraries.—Special attention should be directed to the following noteworthy Governmental Department Libraries functioning with the Library of Congress, namely, the Department of Agriculture, Agricultural Library, Miss C. R. Barnett, Librarian; number of volumes 160,000 on agriculture and agricultural sciences, biology and statistics. The Weather Bureau Library, Dr. C. Fitzhugh Talman, Librarian, with 45,000 volumes has subjects relating to meteorology, climatology and seismology. The Department of Commerce, Patent Office, Scientific Library, Mr. Miles Price, Librarian, has 180,000 volumes on foreign patents, technology and applied sciences. The Coast and Geodetic Survey Library, Mr. W. A. Masker, Librarian, has 25,000 volumes on science, geodesy, hydrography, cartography and tides and currents. The Bureau of Standards Library, Mr. A. Fanti, Librarian, has 25,000 volumes on physical sciences and their applications. The Department of the Interior, Bureau of Education Library, Mr. J. D. Wolcott, Librarian, has 180,000 volumes of old text books, school reports and college catalogs, both foreign and domestic. The Geological Survey Library, Miss J. L. V. McCord, Librarian, has 155,000 volumes on geology and relative subjects and 37,000 maps.

The War Department, Surgeon General's Library, Brigadier-General R. E. Noble, Librarian, has 600,000 volumes on medicine and allied sciences, as well as a good collection of manuscripts and incunabula. The Naval Observatory Library, Mr. W. D. Horigan, Librarian, has 30,000 volumes on astronomy, mathematics and physics. In addition, a large number of Government Bureau Libraries containing collections less than 25,000 volumes may also be consulted.

Two non-government libraries which are particularly strong in their respective sciences, and located within the city, are the Departments of Geophysics and Terrestrial Magnetism of the Carnegie Institution of Washington.

Reading-Room, Research Facilities and Service

The main reading-room is in the center of the building. It has desks for more than 200 readers. There are also 60 tables in the galleries surrounding the upper part of the reading-room which can be assigned to scholars and research students making extended investigations; within the bookstacks desk space is arranged for those wishing to work near their material. The new study rooms and alcoves that are to be installed on the topmost part of the new stacks under construction, will afford greater convenience to scholars, in that books and manuscripts can be left undisturbed during their period of stay. The service of attendants in all reading and study rooms will enable scholars to have their books brought to them promptly.

The galleries in the reading-room contain a reference collection of over 15,000 volumes to which access is entirely free. The card catalogs of the Library are on the floor of the reading-room. A union card catalog is maintained also by which students can locate material existing in other libraries. Research scholars who wish to gather an extended bibliography of their subject may do so by purchasing cards through the Card Division.* Photo-reproduction of rare books and manuscripts can also be had upon application to the Librarian of Congress.

The Library of Congress offers a unique service in professional guidance, which is a decided aid to visiting scholars. Nowhere in the country is such service so concentrated as in the city of Washington. Within the Library's own faculty there is a staff of competent advisors, namely, in bibliog-

* A Check List of American Eighteenth Century Newspapers in the Library of Congress, by J. V. N. Ingram. 1912.

* Handbook of Card Distribution. Washington, 1925.

raphy, Mr. A. P. C. Griffin and Dr. C. Richardson; in history and geography, Dr. Charles Moore and Dr. L. Martin, and likewise in other fields of learning.

The Library of Congress also closely cooperates in professional guidance with the following organizations and their many research divisions:

National Research Council, Dr. Vernon Kellogg, Permanent Secretary; Smithsonian Institution, ——, Secretary; Carnegie Institution of Washington, Dr. J. C. Merriam, President; United States Bureau of Education, Dr. J. J. Tigert, Commissioner; United States Bureau of Standards, Dr. G. K. Burgess, Director, and other Government Departments and Bureaus, namely, Agriculture, Weather Bureau, United States Museum, Naval Observatory, etc.

Mention should also be made of the Pan-American Union of its resources and assistance in Latin American history, political science and economics; Dr. L. S. Rowe is the Director General.

Library Staff

GENERAL ADMINISTRATION

Herbert Putnam, Librarian of Congress.
Appleton Prentiss Clark Griffin, Chief Assistant Librarian.
Allen Richards Boyd, Executive Assistant.
Jessica Farnum, Secretary.

SERVICE DIVISIONS

Reading Room—Frederick W. Ashley.
Accession Division—Martin A. Roberts.
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Slavic Division—Peter Speek.
Smithsonian Division—William L. Corbin (office Smithsonian Institution); Frederick E. Brasch (in charge of Division).

XI

SPECIAL LIBRARIES

Special libraries in the United States have had an extraordinary growth during the last ten years. The Special Libraries Association, founded in July, 1909, at a meeting called by the Merchants' Association of New York City and the Business Branch of the Newark Public Library, at first had fifty members. In 1925 it had eight hundred. These libraries represent the effort of business and professional men, industrialists, scientists and administrators generally to make immediately available information of possible importance in the development of their own fields. Nine hundred and seventy-five such libraries have been described in Special Libraries Directory, 1925, compiled by May Wilson, Librarian of the Merchants' Association of New York, and edited by Rebecca B. Rankin, Librarian, Municipal Reference Library, New York City, and published by the Special Libraries Association, 195 Broadway, New York City. The libraries are grouped under forty general classification heads (Aeronautics, Agriculture, Architecture and Building, Art, Business Administration, Chemical, Civic, Commerce and Trade, Economic Research, Education, Engineering, Finance, Food Products, Foreign and Foreign Relations, Forestry, History, Industrial, Insurance, Journalism, Law, Library Methods and Appliances, Medical Science, Minerals and Metals, Motion Pictures, Mountains and Mountaineering, Museums, Naval Science, Petroleum, Philosophy, Public Utilities, Religion, Scientific and Technical, Safety, Sociology, State Libraries and Legislative Reference Bureaus, Taxation, U. S. Government, Libraries of Administrative Depart-

ments, Bureaus and Commissions, Vocational, Welfare and Recreation). Typical entries are these:

ENGINEERING:

Engineering Societies Library, 29 West 39th Street, New York City. Harrison W. Craver, Director, Elizabeth Seymour, Reference Librarian, Margaret Mann, Cataloger. Founded in 1913. 150,000 volumes. Organized to serve members of the four founder engineering societies.

Important Subject Headings: Civil engineering; mining; metallurgy; electricity; hydraulics; mechanics; railroads; geology; management; roads.

FINANCE:

Guaranty Trust Company of New York, 140 Broadway, New York City. Jeanie M. Bulmer, Librarian. Josephine M. Hefron, Reference Librarian. Adelaide N. Hegeman, Cataloger. Founded 1916. 25,000 volumes. Organized to serve Guaranty Trust Company of New York.

Important Subject Headings: Banks and banking; corporations; economic conditions; finance; foreign trade; mines and mining; industries; natural resources; public utilities; railroads; taxation; water power; wealth.

HISTORY:

Chicago Historical Society, Gilpin Library, 632 North Dearborn Avenue, Chicago, Illinois. Caroline M. McIlvaine, Librarian, Ruth Chandler, Assistant Librarian. Founded 1856. 100,000 volumes. Organized to serve writers of American history, particularly the old northwest.

Important Subject Headings: Chicago, Illinois; Mississippi Valley; the West; Illinois and Michigan Canal; Indians of North America; Lincoln, Abraham; old northwest; U. S. history—Civil War; historical societies.

INDUSTRIAL—ELECTRICAL:

General Electric Company, Main Library, Schenectady, New York, William F. Jacob, Librarian. Ansel A. Slobod, Reference Librarian. Alice J. Gates, Cataloger. Lawrence L. Hopkins, Editor of Publications. Founded more than twenty-five years ago. Organized to serve the entire company including factories and sales offices; is the central library of the organization.

Important Subject Headings: Electrical engineering; mechanical engineering; commercial research; employee relations; business conditions; industrial organizations; physico-chemical research; advertising and selling; industries—various; shop methods.

INDUSTRIAL—RUBBER:

Goodrich, B. F., Company, Technical Library, Akron, Ohio. Julian F. Smith, Librarian. Founded 1914. Approximately 4,000 bound volumes, 3,000 pamphlets. Organized to serve the research and development laboratories of the company.

Important Subject Headings: Rubber; chemistry; rubber technology; organic chemistry; inorganic chemistry; chemical technology; physics; physical chemistry; oils; pigments; plastics; resins; tropical agriculture.

INSURANCE:

Metropolitan Life Insurance Company, 1 Madison Avenue, New York City. Florence Bradley, Librarian. Lenore A. Tafel, Research Librarian. Bertha Greenbaum, Reference Librarian. Jessie C. Barker, Cataloger. Founded 1910. Organized to serve the employees under the welfare division. At present the business or research end is the larger interest and is developing rapidly.

Important Subject Headings: Life insurance; social insurance; public health; personnel or employment management (formerly called welfare work in industry); occupational hazards; accident prevention; vital statistics; economic conditions; social service or welfare work (including immigration), actuarial science and other mathematical textbooks.

JOURNALISM:

Chicago Daily News, 15 North Wells Street, Chicago, Illinois. Thomas V. Sayers, Librarian. Frank E. Siudzinski,

Cataloger. Founded 1895. 20,000 volumes.

PUBLIC UTILITIES—RAILROADS:

Pennsylvania Railroad System, 820 Pennsylvania Station, Pittsburgh, Pennsylvania. H. B. Simpson, Librarian. Thelma L. Power, Cataloger. Founded about 1903. Over 7,000 volumes. Organized to serve officers and employees of the company.

Important Subject Headings: Railroad history; railroad reports; railroad magazines; railroad books; railroad guides; reports; Interstate Commerce Commission Reports; railroad economics.

SCIENTIFIC AND TECHNICAL:

Crerar, John, Library, Michigan Avenue and Randolph Street, Chicago, Illinois. Clement W. Andrews, Librarian. Robert J. Usher, Reference Librarian. Gertrude Forstall, Cataloger. Founded 1894. 778,000 volumes. Organized to serve the citizens of Chicago.

Important Subject Headings: Medicine; engineering; public documents; education; agriculture; political economy; trade and transportation; biology; chemistry; zoology.

Carnegie Institution of Washington, Department of Terrestrial Magnetism, 36th Street and Broad Branch Road, Washington, D. C. H. D. Harradon, Librarian. Founded 1904. 12,600 volumes. Organized to serve the Department of Terrestrial Magnetism.

Important Subject Headings: Terrestrial magnetism; atmospheric electricity; earth currents; magnetism in general; mathematics; physics; geophysics; cosmical physics; astronomy, etc.

SCIENTIFIC AND TECHNICAL—BIOLOGY:

Wistar Institute of Anatomy and Biology, 36th Street and Woodland Avenue, Philadelphia, Pennsylvania. Clara N. Perine, Librarian. Founded 1893. 7,340 books and 11,803 pamphlets. Organized to serve members of the Wistar Institute staff.

Important Subject Headings: Anatomy, embryology; histology; osteology; zoology; nervous system; heredity; growth: lymphatics; fishes; albino rat.

Missouri Botanical Garden, St. Louis, Missouri. Edward A. Burt, Librarian. Nell C. Horner, Assistant Librarian. Edna I. Mephem, Cataloger. Founded 1889. 91,478 volumes. Organized to serve botanists studying at the Missouri Botanical Garden.

Important Subject Headings: Serials of scientific societies; botanical journals; prelinnæan botany; linnæan botany; distribution of plants; plant physiology; plant pathology; morphology; systematic botany; mycology; bacteriology; agriculture; horticulture; forestry.

SCIENTIFIC AND TECHNICAL—GEOGRAPHY:

American Geographical Society, Broadway at 156th Street, New York City. John K. Wright, Librarian. Founded 1852. 65,000 volumes. Organized to serve the society.

Important Subject Headings: Government documents; serials (not specifically geographical); geographical serials; geography (general); geography (by regions); 16th and 17th century books of geography and travel.

STATE LIBRARIES AND LEGISLATIVE REFERENCE BUREAUS:

Wisconsin Legislative Reference Library, State Capitol, Madison, Wisconsin. E. E. Witte, Librarian, Irma Hochstein, Mary Moran, Hazel Rasmussen, Reference Librarians. Founded 1901. 50,000 volumes. Organized to serve the Legislature of Wisconsin, State departments and citizens of the State.

Important Subject Headings: Administration—State; agricultural credit; cooperation; civil service; elections; housing; industrial education; labor; marketing; public health; railroads; roads; social insurance; taxation.

There is a geographic index by States and cities showing the resources of a community in special libraries. In New York State, for example, there are 216; in Pennsylvania, 133; in the District of Columbia, 113; in Massachusetts, 111; in Ohio, 54; in Illinois, 52; in California, 37. Subject, personnel and title indices are included.

The resources in special libraries of a few university centers are California, San Fran-

cisco, 10. Illinois, Chicago, 42. Maryland, Baltimore, 11. Massachusetts, Boston, 72. Minnesota, Minneapolis-St. Paul, 12. Missouri, St. Louis, 12. New York, New York City, 189; Rochester, 13. Ohio, Cincinnati, 13; Cleveland, 17. Pennsylvania, Philadelphia, 101; Pittsburgh, 17. Wisconsin, Madison, 6.

XII

FELLOWSHIPS AND SCHOLARSHIPS IN AMERICAN INSTITUTIONS FOR STUDENTS FROM DESIGNATED PLACES

For further information apply to the designated person.

ASIA

See Orient, China, Japan, Korea, Persia

EDWARD S. HUME MEMORIAL FELLOWSHIP.
Net $300 a year. Graduate study in religion for Asiatic Christian or Christian missionary on furlough. Yale Divinity School, Yale University, New Haven, Connecticut.

BELGIUM

See Europe

C. R. B. FELLOWSHIPS. Offered by the Commission for Relief in Belgium Educational Foundation, Inc.
$1,300 plus tuition fees and first-class traveling expenses to and from any American universities. Candidate must be a Belgian citizen; must give proof of good health, character and education; must speak and write English. The Secretary, Fondation Universitaire, 11 rue d'Egmont, Brussels, Belgium.

CANADA

CANADIAN FEDERATION OF UNIVERSITY WOMEN FELLOWSHIP.
$1,000. Graduate of Canadian university, preferably with two years of graduate work, and research in view. Mrs. Douglas Thom, 2220 16th Avenue, Regina, Saskatchewan, Canada.

BIOLOGICAL SCIENCES—NATIONAL RESEARCH FELLOWSHIPS.
Minimum annual stipend $1,800, with adjustments to care for family and other responsibilities. A Doctor's degree or its equivalent and United States or Canadian citizenship. The subject includes zoology, botany, anthropology and psychology. Secretary of the Board of Fellowships in the Biological Sciences. National Research Council, Washington, D. C., for further information and application blanks.

ENGINEERING, MINING—SCHOLARSHIP.
Colorado School of Mines, Golden, Colorado. Exemption from all tuition and laboratory fees—a value of $250 a year for four years, provided a satisfactory scholastic standing is maintained. One scholarship offered annually to each province of Canada. Chief Superintendent of Education in candidate's province.

MEDICINE — RESEARCH — NATIONAL RESEARCH COUNCIL MEDICAL FELLOWSHIP.
Minimum annual stipend for unmarried fellow, $1,800; for married fellow, $2,300. M.D. or Ph.D. degree or equal qualifications. Open to citizens of Canada of both sexes. These fellowships are intended for the benefit of those who are in the early stages of their preparation for life work as teachers in medical schools. The Chairman of the Medical Fellowship Board, National Research Council, Washington, D. C.

PHYSICS AND CHEMISTRY—NATIONAL RESEARCH COUNCIL FELLOWSHIPS.
Approximately $1,500 for first year with possibility of reappointment at increased stipend. Training equivalent to that represented by the Doctor's degree. W. E. Tisdale, Executive Secretary of the Research Fellowship Board, National Research Council, Washington, D. C.

CENTRAL AMERICA

See Latin America

LAW, INTERNATIONAL—CHESTER D. PUGSLEY SCHOLARSHIPS.
Harvard Law School. $200 each. Dr. James Brown Scott, 2 Jackson Place, Washington, D. C.

CHINA

See Asia, Orient

CHINESE EDUCATIONAL MISSION SCHOLARSHIPS AND FELLOWSHIPS.

Tuition and fees, traveling expenses and $80 a month for living expenses. Partial scholarship afford a monthly allowance of $40. The scholarships fall under five classifications:

1. Scholarships for five years granted to men graduates of Tsing Hua for study in various institutions in the United States.
2. Scholarships for four years granted to Chinese women. Ten scholarships awarded every other year by Tsing Hua College, after a competitive examination. Applicants must be able to qualify for matriculation in American universities; have good health, natural feet, be under twenty-three years of age, and neither engaged nor married.
3. Ten fellowships for three years for graduate study awarded to men graduates of universities or technical schools. These may be held in civil, electrical, mining, or chemical engineering, or in agriculture or law. Applicants must be Chinese citizens under twenty-eight years of age.
4. Teachers' scholarships for one year, granted to Chinese teachers or members of the administration of Tsing Hua College who are graduates of colleges and who have been in the service of the college for five years.
5. Partial scholarships may be granted to Chinese students, men or women, who are not holding any of the other scholarships listed above.

Chinese Educational Mission, 2312 Nineteenth Street, Washington, D. C.

ENLOW MEMORIAL FUND SCHOLARSHIPS.

$150 a year each; two scholarships. The President, Cornell College, Mount Vernon, Iowa.

STEVENS MISSIONARY SCHOLARSHIPS.

Tuition fees; two scholarships. For Chinese girls. J. T. Meade, Secretary of Admissions, Cornell College, Mount Vernon, Iowa.

MOUNT HOLYOKE SCHOLARSHIPS.

Three scholarships covering room, board and tuition (value of $900 each); two scholarships covering tuition only (value of $350 each). Chinese women who can qualify for matriculation. The President, Mount Holyoke College, South Hadley, Massachusetts.

WELLS WILLIAMS FUND

Income from $5,000. Bequest given to maintain a professorship of the Chinese language and literature but "in case there is no professorship of this kind the income for the time being is to be devoted to assist worthy Chinese students in the College." Yale University.

ENGINEERING, MINING—FOREIGN SCHOLARSHIP.

Colorado School of Mines, Golden, Colorado. Exemption from tuition and laboratory fees—a value of $250 a year for four years, provided a satisfactory scholastic standing is maintained. Chinese student recommended by Director of Chinese Students, Washington, District of Columbia.

CUBA, PORTO RICO AND THE PHILIPPINES

ENGINEERING, MINING—FOREIGN SCHOLARSHIP.

Colorado School of Mines, Golden, Colorado. Exemption from tuition and laboratory fees—a value of $250 a year for four years, provided satisfactory scholastic standing is maintained. Student recommended by Superintendent of Public Instruction in each place.

CZECHOSLOVAKIA

See Europe

AMERICAN CZECHOSLOVAK EXCHANGE SCHOLARSHIPS.

The Ministry of Education, Prague, Czechoslovakia.

EUROPE

See Belgium, Czechoslovakia, France, Germany

SCHOLARSHIPS FOR EUROPEAN WOMEN.

Bryn Mawr College. $720 each; eight scholarships for term of one year; all are not open each year. Open by competition to women of any European country whose academic work has standard equivalent to B.A. degree of a recognized American college or university. Recommendations should be received before May 1 by the Chairman of Committee on Scholarships for European Women, Bryn Mawr College, Bryn Mawr, Pennsylvania.

SOCIAL SCIENCES—LAURA SPELMAN ROCKEFELLER MEMORIAL FELLOWSHIPS.

$1,800 per year plus an allowance of 7 cents a mile for authorized travel and tuition. Granted to unusually able and mature students in the social sciences, either men or women, who have a B.A. degree or equivalent, from the following European countries: France, Germany, Austria and Czechoslovakia. Fellowships are given on recommendation and are not subject to application by candidates.

FRANCE

EXCHANGE OF SCHOLARSHIPS WITH HARVARD UNIVERSITY.

Harvard University Graduate School of Arts and Sciences. Free tuition. One student from the Ecole Libre des Sciences Politiques, Paris, and one from the University of Lyons. Nomination is made by the French institutions.

THE VICTOR EMMANUEL CHAPMAN MEMORIAL FELLOWSHIP.

Harvard University. $1,150. Open to French men for study in any department of Harvard University. Prof. Emile Legouis, University of Paris.

LIEUTENANT CHARLES HENRY FISKE FELLOWSHIPS.

Harvard University. $400 each. One or more young men of French nationality whose homes are in France. Ministre de l'Instruction Publique et des Beaux-Arts, Direction de l'Enseignement Supérieur, Paris.

THE KAHN FOUNDATION FOR THE FOREIGN TRAVEL OF FRENCH TEACHERS.

Graduates of the University of Paris, men and women, who have been teachers for not more than ten years. Appointment is made by the Conseil Supérieur de l'Université de Paris on nomination by a committee of which the Chairman is the Recteur de l'Académie de Paris.

FOREIGN STUDENT SCHOLARSHIP.

$500 for four years. Open to French students only, for undergraduate work. President of Muskingum College, New Concord, Ohio.

JUSSERAND SCHOLARSHIP.

Board, room, tuition and college fees. For undergraduate work. Walter R. Agard, Dean, St. John's College, Annapolis, Maryland.

JANE ELIZA PROCTOR VISITING FELLOWSHIPS.

Each, $2,500 and free tuition for one year, with the possibility of renewal for a second and third year. Unmarried, male citizens or subjects of the country from which they are recommended, not over thirty years old when recommended. Only men who hold a degree in distinctively liberal studies, exclusive of professional, technical or commercial subjects, and who are considered by the recommended universities as of reasonably good health, high character, excellent education and exceptional scholarly power are eligible for appointment. Dean of the Graduate School, Princeton University, Princeton, New Jersey, before March 1.

THE SLOANE FELLOWSHIP.

$1,200 for one year with possibility of renewal. Graduate of theology in high standing. Union Theological Seminary, New York, N. Y.

FRANCO-AMERICAN EXCHANGE SCHOLARSHIPS.

Scholarships for French students, covering tuition, board, and lodging, are offered each year by a number of American colleges. Information may be obtained from the Secretary of the Committee on Franco-Ameri-

can Exchange, Institute of International Education, 2 West 45th Street, New York, N. Y. Application should be made to the Office National des Universités et Ecoles françaises, 96 Boulevard Raspail, Paris.

GERMANY

See Europe

American German Student Exchange Fellowships and Scholarships.

Tuition and maintenance during the academic year, and, where circumstances make it necessary, money for current expenses and for traveling. German nationality, spoken and written command of the English language, at least two semesters of study at a German university, a certificate of health and recommendation by a member of the committee of the Akademischer Austauschdienst. Before February 15, Akademischer Austauschdienst, Berlin W 35, Steglitzerstrasse 75.

GREAT BRITAIN

The Frances E. Riggs Fellowships.

University of Michigan. $1,200. Bachelor's degree or equivalent. Awarded to British women on the basis of scholarship record and ability, and evidence of future promise in graduate work. American University Union, R. H. Simpson, 50 Russell Square, London, England.

Rose Sidgwick Memorial Fellowship.

Offered by the American Association of University Women.

$1,000. Candidate must be a British woman of graduate standing. Miss Theodora Bosanquet, 92 Victoria Street, London S. W. 1, England. Award is made by a committee of the British Federation of University Women.

The Commonwealth Fund Fellowships.

Any university which was a member of the Association of American Universities on January 1, 1925. Twenty appointments each year, each for two years, with possibility of a third year. Stipend approximately $3,000 each year, including three months' travel in the United States. British subjects, domiciled in England, Scotland, Wales and Ireland, and graduates of any recognized university therein. Either men or women, unmarried, under thirty years of age. The Committee of Award, American University Union, 50 Russell Square, London, W. C. 1, England.

The Henry P. Davison Scholarships.

Two at Princeton; two at Harvard; two at Yale. $1,500 a year, each, with free tuition. Open to any unmarried undergraduate or Bachelor of Arts in actual residence at Oxford or Cambridge, but preference will be given to second-year students. Candidates are expected to read for honors and to resume residence in their own (Oxford or Cambridge) university. Choice of Fellows is made on the basis of character, scholarship and fitness to represent the university. Before April 1: Cambridge men apply to Mr. A. L. Goodhart, M.A., Corpus Christi College, Cambridge; Oxford men apply to Mr. A. C. Jacobs, B.A., Oriel College, Oxford.

Joseph Hodges Choate Memorial Fellowship.

Harvard University. $2,000. Awarded upon the nomination of the Vice-Chancellor of the University of Cambridge, England, to a British subject in that university to study in any department of Harvard University. For a senior or a graduate student.

The Albert Kahn Traveling Fellowships.

British subjects, either men or women, who are graduates of or who have passed the examinations required for a degree in some university in the United Kingdom. The Albert Kahn Traveling Fellowships, University of London, London, England.

The Suzette Taylor Fellowship.

Lady Margaret Hall, Oxford, and elsewhere. £150 for one year with possibility of renewal for a second and third year. Open to women graduates of any university, but preference is given to members of the University of Oxford.

The scheme of work proposed by the Fellow must include work in some country other than England. The Registrar, Lady Margaret Hall, Oxford, England.

LADY CARLISLE RESEARCH FELLOWSHIP.

Somerville College, Oxford, and elsewhere. Except by special dispensation, four out of the five years must be spent in residence at Somerville College. £130 a year for five years. Open to all women of European race, and naturalized Jewesses, unmarried or widows. The Registrar, Somerville College, Oxford, England.

ROBERT BLAIR FELLOWSHIPS.

United States and foreign countries. £450; two fellowships. British subjects of at least twenty-one years of age, preference given to candidates who have completed a course of study in London institutions or who have been identified with the London teaching service. The Education Officer, London County Council, The County Hall, London, S.E. 1, England.

CLARENCE GRAFF FELLOWSHIP.

Any college or university in the Middle West of the United States approved by the Committee of Selection. £250 plus tuition. Bachelor of either Oxford or Cambridge. The candidate must be genuinely interested in international problems, especially those arising from the relationships of the United States with the British Empire, and his knowledge of the United States must have reached a point where it can be profitably supplemented by residence, observation and study in the American Middle West. American University Union, R. H. Simpson, 50 Russell Square, London, England.

JANE ELIZA PROCTER VISITING FELLOWSHIPS.

Princeton University. $2,500 a year each and free tuition for one year with the possibility of renewal for a second and third year. Unmarried, male citizens or subjects of the country from which they are recommended, not over thirty years old when recommended. Only men who hold a degree in distinctively liberal studies, exclusive of professional, technical or commercial subjects, and who are considered by the recommending universities as of reasonably good health, high character, excellent education and exceptional scholarly power are eligible for appointment. Dean of the Graduate School, Princeton University, Princeton, New Jersey, before March 1.

EXHIBITION OF 1851 SCIENCE RESEARCH SCHOLARSHIPS.

Any institution approved by the Commissioners but not usually in the Dominion in which the scholar has received previous scientific training. £250 a year for two years and £30 per annum for fees if required. (Eight scholarships allocated as follows: Canada, 3; Australia, 2; South Africa, 1; New Zealand, 1; Irish Free State, 1.) Colonial students who have completed a full university courseand given evidence of capacity for scientific investigation. They are expected to devote themselves to research work under conditions likely to equip them for practical service in the scientific life of the British Empire. Applicants must be British subjects not over twenty-six. The Secretary to the Commissioners, 1, Lowther Gardens, Exhibition Road, London, S.W. 8, England.

EXHIBITION OF 1851 SENIOR STUDENTSHIPS.

Any institution approved by the Commissioners. £400 a year for two years or longer, and £50 per annum for fees if required; five studentships. Open to British subjects not over thirty, on the recommendation of professors and heads of departments, through the executive authorities of institutions invited to nominate. The Secretary to the Commissioners, Exhibition of 1851, 1, Lowther Gardens, Exhibition Road, London, S.W. 7, England.

LAURA SPELMAN ROCKEFELLER MEMORIAL FELLOWSHIPS.

$1,800 a year plus an allowance of 7 cents a mile for authorized travel and tuition. Granted to unusually able and mature students in the social sciences,

either men or women, who have a B.A. degree or equivalent, from England, Scotland, Ireland and Wales. Fellowships are given on recommendation and are not subject to application by candidates.

UNION THEOLOGICAL SEMINARY RESIDENT FELLOWSHIPS FOR FOREIGN STUDENTS.

Union Theological Seminary. $1,200 each for one year with possibility of renewal for one year. Graduates in theology of high standing. The Jarvis Fellowship, the Sewickley Fellowship and the Hugh Black Fellowship, particularly for Scottish students, are awarded by a committee in Scotland, of which Prof. George S. Duncan of St. Andrews is chairman. The Mills Fellowship, provided for England, is under the direction of Principal Selbie of Mansfield College, Oxford. For further information, address, Union Theological Seminary, New York, N. Y.

SCHOLARSHIPS FOR SCOTTISH TEACHERS.

Teachers College, Columbia University, New York, N. Y. Approximately £250 plus £50 for traveling expenses. Tenable for one year with possibility of renewal for one year. Candidates must have an M.A. or B.Sc. degree, be trained certificated teachers, and have distinguished themselves in the professional part of their course—theory, history, and practice of education. It will be an additional qualification if a candidate holds the degree of Bachelor of Education or is pursuing a course of study toward that degree. The selected candidate must follow at Teachers College a course in graduate work extending over one full session. Central Executive Committee, National Committee for the Training of Teachers, 8 Charlotte Square, Edinburgh, Scotland.

JAPAN AND KOREA

ENLOW MEMORIAL FUND SCHOLARSHIPS.

$150 a year each; two scholarships. Open to Japanese, for undergraduate work. The President, Cornell College, Mount Vernon, Iowa.

THE KAHN FOUNDATION FOR THE FOREIGN TRAVEL OF JAPANESE TEACHERS.

The travelers shall in general be selected from among those who are actually engaged in teaching in one of the Imperial Universities or graduates who are actually studying in the Daigakuin. However, persons of remarkable knowledge and experience may be chosen for the purpose even though they lack the above mentioned qualifications. The Kahn Foundation for Foreign Travel, 4 Shiroyamacho, Nishinokubo, Tokyo, Japan.

MOUNT HOLYOKE SCHOLARSHIPS.

Room, board and tuition (a value of $900). Japanese and Korean women who can qualify for matriculation. The President, Mount Holyoke College, South Hadley, Massachusetts.

VASSAR SCHOLARSHIP.

$800, which covers room, board and tuition. Japanese girl equipped to enter college under usual college entrance requirements. Must have adequate knowledge of English. Dean of Vassar College, Poughkeepsie, New York.

LATIN AMERICA

FRANCES SHIMER JUNIOR COLLEGE SCHOLARSHIPS.

$300 each (one-half of regular annual charge). Woman student from Latin America. Frances Shimer Junior College, Mount Carroll, Illinois, or Pan American Union, Washington, D. C.

MOUNT HOLYOKE SCHOLARSHIP.

Free tuition (a value of $350). Woman student from Latin America. Secretary, Mount Holyoke College, South Hadley, Massachusetts.

NEW YORK UNIVERSITY SCHOLARSHIPS.

Sum to cover ten scholarships for tuition. Latin Americans to study other subjects than law or medicine. Before June 1, to the Chancellor of New York University, New York, N. Y.

SMITH COLLEGE SCHOLARSHIP.

$350. The student from Latin American countries who can best fulfil the requirements for entrance to the college

and show her capacity to profit by a college course; enough familiarity with English to understand and take notes on lectures and to express herself with accuracy and reasonable freedom. The Secretary to the President, Smith College, Northampton, Massachusetts.

PAN AMERICAN SCHOLARSHIPS in Agriculture, Architecture, Arts and Sciences, Commerce, Domestic Arts and Science, Education, Engineering, Forestry, Medicine, Mining, Natural Sciences, Pharmacy, Veterinary Medicine.

About fifty colleges and universities in the United States. Free tuition. The student must pay traveling expenses and all living expenses. The latter vary from four hundred to one thousand dollars for the college year, depending on the subject and the location of the institution. In three women's colleges where larger scholarships in Arts and Sciences are offered, expenses to be met by the student are from three to six hundred dollars. In a few other institutions, expenses may be reduced to one or two hundred dollars by teaching Spanish. Open to Latin Americans who understand and speak the English language and who have had the equivalent of an American high school course (the "Bachillerato" of Latin America.) Students desiring to teach Spanish must be normal school graduates or have had teaching experience, and generally must not be less than twenty years of age. Director General, Pan American Union, Washington, D. C.

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN LATIN AMERICAN FELLOWSHIP.

$1,000. Candidate must be a native of a Latin American republic, with the equivalent of a college education, not under twenty-one, and with sufficient knowledge of English to enable her to understand and to profit by lectures, to use English text-books, and to take part in class discussions and to take examinations. The purpose of the study shall be preparation for some form of public service in the native country of the successful candidate. Not later than January 15, to Prof. Agnes L. Rogers, Bryn Mawr College, Bryn Mawr, Pennsylvania.

COLORADO SCHOOL OF MINES SCHOLARSHIPS.

Exemption from all tuition and laboratory fees—a value of $250 a year for four years, provided satisfactory scholastic standing is maintained. One scholarship for student from each Latin American country, including Central America. Recommended by official in applicant's own country. Registrar of Colorado School of Mines, Golden, Colorado.

FOREIGN SERVICE SCHOLARSHIPS.

Georgetown University, School of Foreign Service. Tuition with a possibility of securing remunerative work. One scholarship for each Latin American Republic. Graduate of a high school. Must have a good working knowledge of English. Recommendation of Minister of Foreign Affairs or Minister of his government at Washington. Chief of Diplomatic Mission of each Latin American Republic at Washington or Minister of Foreign Affairs in the Latin American country.

HUNGARY

AMERICAN-HUNGARIAN EXCHANGE SCHOLARSHIPS.

Open to Hungarian students, men or women. Ministry of Education, Budapest, Hungary.

The colleges and universities that offered scholarships for the year 1925–26 were:

Tuition only

Harvard Law School.
Johns Hopkins University.
University of Chicago.

Tuition, Board and Lodging

Mount Holyoke College.
Radcliffe College.
Smith College.
Teachers College.
Vassar College.
Wellesley College.

LITHUANIA, LATVIA, AND ESTHONIA

FELLOWSHIPS OF BALTIC AMERICAN SOCIETY in Liberal Arts and Pure Sciences exclusive of technical commercial and professional studies.

Princeton University. Ordinary fellowship, $700; advanced fellowship, $1,200. Either amount covers necessary expenses of study and living in the Graduate College. Recommendation of Baltic American Society or the educational authority of Lithuania, Latvia or Esthonia. Equivalent of graduation from college or gymnasium with high record in distinctively liberal studies. Desirable that candidate be unmarried and under thirty, preferably twenty-two to twenty-five, and have a fair knowledge of English. Before March 1, to Prof. Harold H. Bender, Director of the Baltic American Society, Princeton, New Jersey.

MEXICO

B. F. JOHNSTON FELLOWSHIP IN AGRICULTURE.

University of Arizona. $500. Student from the National University of Mexico, having qualifications for entrance into the University of Arizona and recommendation from the Rector of the National University of Mexico. University of Arizona, Tucson, Arizona.

E. TITCOMB FELLOWSHIP.

University of Arizona. $500. Student from the National University of Mexico, having qualifications for entrance into the University of Arizona and recommendation from the Rector of the National University of Mexico. Rector of National University of Mexico.

NORTH AMERICA

LAW, INTERNATIONAL—CHESTER D. PUGSLEY SCHOLARSHIPS.

Harvard Law School. $200 each. Candidates must be eligible for admission to Harvard Law School. Dr. James Brown Scott, 2 Jackson Place, Washington, D. C.

ORIENT

THE BARBOUR SCHOLARSHIPS.

$800; twenty-five scholarships. Open to women of any Oriental nationality. Preference given to graduates of colleges in the Orient. Before January 1, to Prof. W. Carl Rufus, Secretary of the Barbour Scholarship Committee, University of Michigan, Ann Arbor, Michigan.

PERSIA

GEORGETOWN UNIVERSITY PERSIAN SCHOLARSHIP.

School of Foreign Service, Georgetown University, Washington, D. C. Free tuition. Student from Persia able to meet entrance requirements. High school graduation or equivalent necessary. Recommendation of Persian Minister to Washington required. Georgetown University School of Foreign Service, Washington, D. C.

POLAND

THE POLISH-AMERICAN SCHOLARSHIPS.

$500 and traveling expenses from Poland to the United States. A baccalaureate degree or equivalent, high standing scholastically, good health and character and a desire for social service. Polish students will be expected to return to Poland after the completion of their studies. Students in Poland file applications with the Rectors of their universities.

SCANDINAVIAN COUNTRIES

AMERICAN-SCANDINAVIAN SCHOLARSHIPS.

The Swedish, Danish, and Norwegian Committees of the American-Scandinavian Foundation may make nominations for four scholarships, including two for women. Final choice is with the colleges offering the scholarships.

INDUSTRIAL FELLOWSHIPS.

Supplementing the exchange of university students under the American-Scandinavian Foundation, Scandinavian students of industry are chosen for apprentice positions and practical studies in offices, banks, mercantile and commercial houses, factories, and technical laboratories in the United States. There were twenty awards in 1925–1926, of $1,500 each.

TRAVELING FELLOWSHIPS OF THE AMERICAN-SCANDINAVIAN FOUNDATION.

Denmark. $1,000; not more than five fellowships. Candidate must be of Danish birth and must have equivalent of study of one year in a university, be capable of original research, and submit a plan of study. Award made by American Society of Denmark. Application papers, etc., must be filed before December 1 with N. F. Feilberg, Secretary, Danmarks Amerikanske Selskab, Vestre Boulevard 18, Copenhagen.

Norway. Not more than five fellowships. Application papers, etc., must be filed before December 1 with Reverend Sigurd Folkestad, Secretary, Norge-Amerika Fondet, Lille Strandgate I, Christiana.

Sweden. Not more than ten fellowships. Appointment by the Swedish-American Foundation. Application papers, etc., must be filed before December 1, with Miss Eva Froberg, Secretary Sverige-Amerika Stiftelsen, Regeringsgatan 27, Stockholm, Sweden.

THE ZORN FELLOWSHIP.

Kr. 4,500; one fellowship. Open only to Swedish students for study in United States. Application papers, including letters of recommendation, etc., must be filed before December 1, with Miss Eva Froberg, Association Secretary, Sverige-Amerika Stiftelsen, Regeringsgatan 27, Stockholm, Sweden.

SOUTH AMERICA

INTERNATIONAL LAW—CHESTER D. PUGSLEY SCHOLARSHIPS.

Harvard Law School. $200 each. Candidates must be eligible for admission to Harvard Law School. Dr. James Brown Scott, 2 Jackson Place, Washington, D. C.

SPAIN

WELLS COLLEGE SCHOLARSHIP.

$1,000. Spanish-speaking woman who can qualify for matriculation. The President, Wells College, Aurora, New York.

SWITZERLAND

UNION THEOLOGICAL SEMINARY RESIDENT FELLOWSHIP IN THEOLOGY.

$1,200 for one year with possibility of renewal for one year. Graduate in theology of high standing. For further information, address, Union Theological Seminary, New York, N. Y.

XIII

FOREIGN STUDENTS IN THE COLLEGES AND UNIVERSITIES OF THE UNITED STATES WHICH ARE ON THE ACCREDITED LIST OF THE AMERICAN COUNCIL ON EDUCATION, 1925–26

ALABAMA:	
Birmingham-Southern College	2
Howard College	2
University of Alabama	4
ARIZONA:	
University of Arizona	31
ARKANSAS:	
Hendrix College	1
CALIFORNIA:	
California Institute of Technology	25
Mills College	1
Occidental College	7
Pomona College	20
Stanford University	41
University of California	544
University of California, Southern Branch	103
University of Redlands	2
University of Southern California	297
COLORADO:	
Colorado Agricultural College	3
Colorado College	5
University of Denver	20

CONNECTICUT:
- Trinity College 3
- Wesleyan University 2
- Yale University 89

DELAWARE:
- University of Delaware 1

DISTRICT OF COLUMBIA:
- Catholic University of America 20
- Georgetown University 46
- George Washington University 118
- Howard University 66

FLORIDA:
- University of Florida 2

GEORGIA:
- Emory University 14
- Georgia School of Technology 5
- Mercer University 2

IDAHO:
- University of Idaho 17

ILLINOIS:
- Bradley Polytechnic Institute 1
- Illinois Wesleyan University 1
- James Millikin University 1
- Knox College 5
- Lake Forest College 1
- Lewis Institute 12
- Loyola University 37
- Monmouth College 4
- North Central College 9
- Northwestern University 61
- Shurtleff College 1
- University of Chicago 265
- University of Illinois 113

INDIANA:
- Butler University 7
- De Pauw University 9
- Earlham College 1
- Franklin College 1
- Hanover College 1
- Indiana University 19
- Purdue University 74
- University of Notre Dame 31
- Wabash College 1

IOWA:
- Columbia College 2
- Cornell College 4
- Drake University 10
- Grinnell College 3
- Iowa State College 61
- Luther College 2
- Morningside College 2
- Parsons College 4
- Penn College 3
- Simpson College 5
- University of Dubuque 9
- State University of Iowa 44

KANSAS:
- Baker University 2
- Kansas State Agricultural College 15
- Ottawa University 2
- St. Mary's College 2
- Southwestern College 3
- University of Kansas 29

KENTUCKY:
- Berea College 2
- Centre College 1
- Georgetown College 2
- University of Kentucky 4
- University of Louisville 10

LOUISIANA:
- Tulane University 22

MAINE:
- Bowdoin College 3
- University of Maine 8

MARYLAND:
- Goucher College 5
- Johns Hopkins University 75
- St. Johns College 3
- University of Maryland 20

MASSACHUSETTS:
- Amherst College 4
- Boston University 62
- Clark University 11
- Harvard University 111
- Massachusetts Agricultural College 4
- Massachusetts Institute of Technology 161
- Mt. Holyoke College 7
- Radcliffe College 12
- Simmons College 8
- Smith College 11
- Tufts College 35
- Wellesley College 18
- Williams College 4
- Worcester Polytechnic Institute 13

MICHIGAN:
- Alma College 2
- College of the City of Detroit 3
- Hillsdale College 5
- Hope College 1
- Kalamazoo College 4
- Michigan Agricultural College 14
- University of Detroit 5
- University of Michigan 259

MINNESOTA:
- Carleton College 6
- College of St. Catherine 2
- College of St. Teresa 4
- Hamline University 2
- Macalester College 1
- University of Minnesota 64

MISSISSIPPI:
- Mississippi A. & M. College 1

MISSOURI:
- Park College 7
- St. Louis University 104
- University of Missouri 23
- Washington University 15
- William Jewell College 5

MONTANA:
- Montana State University 6

NEBRASKA:
- Hastings College 2
- Nebraska Wesleyan University 3
- University of Nebraska 30

NEVADA:
- University of Nevada 16

NEW HAMPSHIRE:
- Dartmouth College 21

NEW JERSEY:
- College of St. Elizabeth 2
- Princeton University 27
- Rutgers University 7
- Stevens Institute of Technology 4

NEW YORK:
- Alfred University 4
- Clarkson College of Technology 1
- Colgate University 2
- Columbia University 541
- Cornell University 199
- Elmira College 4
- Hamilton College 2
- New York University 100
- Rensselaer Polytechnic Institute 48
- Skidmore College 1
- Syracuse University 32
- Union College 6
- University of Buffalo 6
- Vassar College 18
- Wells College 2

NORTH CAROLINA:
- Duke University 6
- University of North Carolina 4

NORTH DAKOTA:
- Jamestown College 1
- North Dakota Agricultural College 2
- University of North Dakota 8

OHIO:
- Baldwin-Wallace College 5
- Case School of Applied Science 6
- College of Wooster 5
- Denison University 6
- Heidelberg University 5
- Hiram College 1
- Kenyon College 2
- Marietta College 2
- Miami University 11
- Mt. Union College 1
- Municipal University of Akron 8
- Muskingum College 3
- Oberlin College 52
- Ohio State University 56
- Ohio University 7
- Ohio Wesleyan University 13
- Otterbein University 2
- University of Cincinnati 27
- University of Toledo 3
- Western College for Women 6
- Western Reserve University 6
- Wittenberg College 2

OKLAHOMA:
- Oklahoma A. & M. College 2
- University of Oklahoma 13

OREGON:
- Oregon Agricultural College 65
- Reed College 1
- University of Oregon 17
- Willamette University 14

PENNSYLVANIA:
- Bryn Mawr College 15
- Bucknell University 2
- Carnegie Institute of Technology 31
- Gettysburg College 3
- Grove City College 3
- Haverford College 1
- Lafayette College 13
- Lebanon Valley College 3
- Lehigh University 11
- Moravian College and Seminary 3
- Pennsylvania State College 6
- Swarthmore College 1
- University of Pennsylvania 199
- University of Pittsburgh 18
- Villanova College 10

RHODE ISLAND:
- Brown University 4

SOUTH CAROLINA:
- Furman University 1
- University of South Carolina 4

SOUTH DAKOTA:
- Dakota Wesleyan University 1
- Huron College 3
- South Dakota State College 3
- South Dakota State School of Mines 7
- University of South Dakota 4

TENNESSEE:
- Maryville College 2
- Vanderbilt University 11

TEXAS:
- A. & M. College of Texas 20
- Baylor College for Women 3
- Rice Institute 2
- Southern Methodist University 5
- Texas Christian University 3
- University of Texas 13

UTAH:
- University of Utah 25
- Utah Agricultural College 1

VERMONT:
- Middlebury College 2
- University of Vermont 2

VIRGINIA:
- College of William and Mary 1
- Randolph-Macon College 2
- Randolph-Macon Woman's College.. 2
- University of Richmond 9
- University of Virginia 22
- Virginia Military Institute 4
- Virginia Polytechnic Institute 2
- Washington and Lee University 3

WASHINGTON:
- College of Puget Sound 4
- State College of Washington 46
- University of Washington 231
- Whitman College 1

WEST VIRGINIA:
- West Virginia University 12

WISCONSIN:
- Beloit College 3
- Lawrence College 3
- Marquette University 1
- University of Wisconsin 118

WYOMING:
- University of Wyoming 2

NUMBER OF FOREIGN STUDENTS IN THE COLLEGES AND UNIVERSITIES OF THE UNITED STATES DURING THE PAST FIVE YEARS

(An attempt has been made by the Institute of International Education in compiling these figures to include bona fide foreign students coming to this country under their national quota as well as those entering on student visas. Duplication of returns, when the same student is reported by two institutions, has been eliminated as far as possible also, in the hope of making these partial returns fairly accurate.)

	1921–1922	*22–23*	*23–24*	*24–25*	*25–26*
Abyssinia	..	1	1	4	3
Afghanistan	..	..	2	1	..
*Africa	4	6	7	17	3
Alaska	12	..	2	2	1
Albania	4	4	5	1	1
Algeria	1	2	1	1	..
Arabia	..	1	2	4	3
Argentina	54	57	33	38	35
Armenia	90	92	101	103	47
*Asia Minor	6	6	7	7	1
Assyria	..	..	..	..	1
Australia	23	39	25	39	47
Austria	23	25	21	20	44
Azerbaijan	..	..	1	..	..
Azores	..	1	2	..	..
Belgium	25	45	28	27	27
Bolivia	21	31	19	26	14
Brazil	81	56	52	43	31
British East Africa	..	..	..	..	2
British Honduras	..	1	..	1	1
British West Indies	72	144	98	103	125
Bulgaria	22	34	23	30	26
Burma	2	6	3	2	4
Canada	516	827	684	737	733
Canal Zone	10	5	6	3	8
Canary Islands	2	..	..	..	..
*Central America	15	6	9	4	2
Ceylon	1	3	3	3	8
Chile	42	42	33	25	23
China	1255	1507	1467	1561	1317
Colombia	56	57	34	33	34
Costa Rica	19	18	13	13	9
Crete	..	..	..	1	..
Cuba	145	158	139	120	80
Cyprus	3	5	3	1	3
Czechoslovakia	59	47	38	48	37
Danzig	..	1	..	1	..
Denmark	44	38	37	39	37
Dominican Republic	9	8	5	..	4
East Indies	20	35	19	25	..
Ecuador	9	12	9	8	10
Egypt	26	34	25	34	26
England	138	120	170	236	202
Esthonia	3	6	4	8	13
Finland	9	13	15	23	23
Formosa	4	2	2	3	..
France	127	144	126	128	90
Georgia	..	..	3	1	1
Germany	49	63	79	121	124
Gold Coast	..	4	2	..	..
*Great Britain	..	..	11	1	19

* Country not specified.

NUMBER OF FOREIGN STUDENTS IN THE COLLEGES AND UNIVERSITIES OF THE UNITED STATES DURING THE PAST FIVE YEARS—*Continued.*

	1921–1922	22–23	23–24	24–25	25–26
Greece	93	92	108	113	67
Guam	..	2	2	..	2
Guatemala	21	21	18	17	20
Guiana	3	22	13	16	33
Haiti	3	5	4	5	6
Hawaii	97	114	85	118	141
Holland	34	35	27	43	44
Honduras	14	19	22	20	23
Hungary	32	36	34	40	44
Iceland	1	2	2	4	1
India	180	218	231	202	170
Iraq	..	..	..	..	2
Ireland	20	38	31	50	49
Isle of Rhodes	1	1	..	1	..
Italy	91	74	89	79	117
Japan	532	658	708	793	685
Java	..	..	..	..	10
Jugoslavia	47	57	34	21	18
Korea	68	98	96	124	123
Latvia	2	6	8	12	9
Liberia	6	7	2	2	5
Lithuania	10	16	4	13	16
Malay States	..	1	1	..	..
Marshall Island	..	..	1	..	..
Mauritius	4	1	..	..	..
Mesopotamia	2	4	..	2	4
Mexico	244	232	198	201	188
New Zealand	10	17	18	18	15
Nicaragua	21	12	10	11	8
Nigeria	..	..	..	..	3
Norway	67	58	58	65	49
Palestine	26	20	12	21	31
Panama	24	28	33	30	42
Paraguay	2	2	1	0	..
Persia	21	18	22	22	17
Peru	82	69	52	59	37
Philippines	594	649	591	600	571
Poland	38	55	67	63	70
Porto Rico	195	24	181	190	183
Portugal	4	8	11	5	6
Roumania	42	34	24	3	39
Russia	369	4	391	433	515
Salvador	8	1	6	9	8
*Scandinavia	..	7	..	1	..
Scotland	29	29	38	44	52
Siam	34	43	..	30	18
Sierra Leone	..	2	..	1	1
Smyrna	..	..	1	3	..
*South Africa	146	137	97	76	63
*South America	27	6	12	6	1
South Sea Isles	..	1	..	..	..
Spain	50	47	52	36	34
Straits Settlements	1	1	..	1	2
Sweden	56	64	58	70	54
Switzerland	43	38	36	76	48
Syria	22	30	25	15	13
Tahiti	1	1	..	..	..
Tangiers	1	..	..	..	..
Tasmania	..	1	..	..	..
Togoland	..	1	..	..	..

* Country not specified

NUMBER OF FOREIGN STUDENTS IN THE COLLEGES AND UNIVERSITIES OF THE UNITED STATES DURING THE PAST FIVE YEARS—*Continued.*

	1921–1922	22–23	23–24	24–25	25–26
Turkey	26	42	36	36	29
Ukraine	4	7	4	5	5
Uruguay	15	19	13	12	6
Venezuela	9	13	15	18	20
Virgin Islands	1	..	..	3	6
Wales	4	2	5	7	7
*West Africa	..	..	..	..	6

* Country not specified.

The Institute of International Education in 1923–24 published statistics which showed that the principal fields of study of foreign students in 400 colleges reporting to the Institute were: Agriculture 258, Architecture 48, Chemistry 81, Commerce 389, Dentistry 343, Education 208, Engineering 1,238, Forestry 25, Journalism 28, Law 100, Liberal Arts 1,966, Library 25, Medicine 510, Pharmacy 74, Theology 363, Unclassified 1,332. Total: 6,988.

XIV

LIST OF DEGREES

Mentioned in This Volume and the Abbreviations Used to Designate Them

A.B. Bachelor of Arts.

A.B. in B. & B. Bachelor of Arts in Business Administration and Banking.

A.C. Analytical Chemist.

Adm. E. Administrative Engineering.

Agr. E. Agricultural Engineer.

A.M. Master of Arts.

Arch. E. Architectural Engineer.

B.A. Bachelor of Arts.

B.A.E. Bachelor of Architectural Engineering.

B.A.S. Bachelor of Agricultural Science.

B.A. in Ed. Bachelor of Arts in Education.

B.A. in Mus. Bachelor of Arts in Music.

B. Agr. Bachelor of Agriculture.

B. Arch. Bachelor of Architecture.

B.B.A. Bachelor of Business Administration.

B.C.E. Bachelor of Civil Engineering.
B.C.S. Bachelor of Commercial Science.
B. Chem. Bachelor of Chemistry.
B. Chem. E. Bachelor of Chemical Engineering.
B. Des. Bachelor of Design.
B.D. Bachelor of Divinity.
B.D.A. Bachelor of Domestic Arts.
B. Did. Bachelor of Didactics.
B.D. in Ed. Bachelor of Divinity in Education.
B.E. Bachelor of Engineering.
B. Ed. Bachelor of Education.
B.E.E. Bachelor of Electrical Engineering.
B.F.A. Bachelor of Fine Arts.
B.F.S. Bachelor of Foreign Service.
B.J. Bachelor of Journalism.
B.L. Bachelor of Letters.
B.L.S. Bachelor of Library Science.
B. Lit. Bachelor of Literature.
B.M. Bachelor of Medicine.
B.M.E. Bachelor of Mechanical Engineering.
B. Mar. E. Bachelor of Marine Engineering.
B. Min. E. Bachelor of Mining Engineering.
B. Mus. Bachelor of Music.
B.O. Bachelor of Oratory.
B.P.S.M. Bachelor of Public School Music.
B.R.E. Bachelor of Religious Education.
B.S. Bachelor of Science.
B.S. in Ae. E. Bachelor of Science in Aeronautical Engineering.
B.S. in Agr. Bachelor of Science in Agriculture.
B.S. in Agr. Ed. Bachelor of Science in Agricultural Education.
B.S. in Agr. E. Bachelor of Science in Agricultural Engineering.
B.S. in Arch. Bachelor of Science in Architecture.
B.S. in Arch. E. Bachelor of Science in Architectural Engineering.
B.S. in B.A. Bachelor of Science in Business Administration.
B.S. in Bus. Bachelor of Science in Business.
B.S. in C.E. Bachelor of Science in Civil Engineering.
B.S. in Cer. Bachelor of Science in Ceramics.
B.S. in Chem. Bachelor of Science in Chemistry.
B.S. in Chem. E. Bachelor of Science in Chemical Engineering.
B.S. in Com. Bachelor of Science in Commerce.
B.S. in Dent. Bachelor of Science in Dentistry.
B.S. in Econ. Bachelor of Science in Economics.
B.S. in Ed. Bachelor of Science in Education.
B.S. in E. Bachelor of Science in Engineering.
B.S. in E.E. Bachelor of Science in Electrical Engineering.
B.S. in For. Bachelor of Science in Forestry.
B.S. in Geod. & Surv. Bachelor of Science in Geodesy and Surveying.
B.S. in H. Ec. Bachelor of Science in Home Economics.
B.S. in Ind. E. Bachelor of Science in Industrial Engineering.
B.S. in Journ. Bachelor of Science in Journalism.
B.S. in Law. Bachelor of Science in Law.
B.S. in M.E. Bachelor of Science in Mechanical Engineering.
B.S. in Med. Bachelor of Science in Medicine.
B.S. in Met. Bachelor of Science in Metallurgy.
B.S. in Min. E. Bachelor of Science in Mining Engineering.
B.S. in Mus. Bachelor of Science in Music.
B.S. in P.A.L. Bachelor of Science in Practical Arts and Letters.
B.S. in Pharm. Bachelor of Science in Pharmacy.
B.S. in Prac. Arts. Bachelor of Science in Practical Arts.
B.S. in San. E. Bachelor of Science in Sanitary Engineering.
B.S. in Struc. E. Bachelor of Science in Structural Engineering.
B.S. in Text. E. Bachelor of Science in Textile Engineering.

B.S.S. Bachelor of Secretarial Science.
B.S.Sc. Bachelor of Social Science.
B. Sch. Mus. Bachelor of School Music.
C.E. Civil Engineer.
Cer. E. Ceramic Engineer.
Ch.B. Bachelor of Chemistry.
Chem. E. Chemical Engineer.
D.C.L. Doctor of Civil Law.
D.D. Doctor of Divinity.
D.M.D. Doctor of Dental Medicine.
D.D.S. Doctor of Dental Surgery.
D.D. Sc. Doctor of Dental Science.
D.E. Doctor of Engineering.
D.J.S. Doctor of Science of Law.
D.P.H. Doctor of Public Health.
D.P. Hy. Doctor of Public Hygiene.
D.R.E. Doctor of Religious Education.
D. Sc. Doctor of Science.
D. Sci. H. Doctor of Science and Hygiene.
D.V.M. Doctor of Veterinary Medicine.
Ed. D. Doctor of Education.
E.E. Electrical Engineer.
E.M. Mining Engineer.
E.M. in Geol. Mining Engineer in Geology.
Grad. in Nursing. Graduate in Nursing.
Grad. P.H. Graduate in Public Health.
Ind. E. Industrial Engineer.
J.C.B. Bachelor of Canon Law.
J.C.D. Doctor of Canon Law.
J.C.L. Licentiate in Canon Law.
J.D. or Jur.D. Doctor of Law.
J.S.D. Doctor of Science of Law.
L.H.B. Bachelor of Humane Letters.
L.H.M. Master of Humane Letters.
L.H.D. Doctor of Humane Letters.
LL.B. Bachelor of Laws.
LL.D. Doctor of Laws.
LL.M. Master of Laws.
M.A. Master of Arts.
M.B.A. Master of Business Administration.
M.C.E. Master of Civil Engineering.
M. Com. Sc. Master of Commercial Science.
M.D. Doctor of Medicine.
M.E. Mechanical Engineer.
M. Ed. Master of Education.
M.E.E. Master of Electrical Engineering.
Met. E. Metallurgical Engineer.
M. For. Master of Forestry.
M. Land. Arch. Master of Landscape Architecture.
M. Land. Des. Master of Landscape Design.
M. Lit. Master of Literature.
M.M.E. Master of Mechanical Engineering.
M.P.H. Master of Public Health.
M.R.E. Master of Religious Education.
M.S. Master of Science.
M.S. in Agr. Master of Science in Agriculture.
M.S. in Agr. E. Master of Science in Agricultural Engineering.
M.S. in Arch. Master of Science in Architecture.
M.S. in Arch. E. Master of Science in Architectural Engineering.
M.S. in C.E. Master of Science in Civil Engineering.
M.S. in E.E. Master of Science in Electrical Engineering.
M.S. in For. Master of Science in Forestry
M.S. in Journ. Master of Science in Journalism.
M.S. in M.E. Master of Science in Mechanical Engineering.
M.S. in Pharm. Master of Science in Pharmacy.
M.S. in P.H. Master of Science in Public Health.
Mus. B. Bachelor of Music.
Mus. D. Doctor of Music.
Pd. B. Bachelor of Pedagogy.
Pd. M. Master of Pedagogy.
Pd. D. Doctor of Pedagogy.
Pharm. B. Bachelor of Pharmacy.
Pharm. M. Master of Pharmacy.
Pharm. D. Doctor of Pharmacy.
Ph. B. Bachelor of Philosophy.
Ph. B. in Ed. Bachelor of Philosophy in Education.
Ph. B. in Com. Bachelor of Philosophy in Commerce.
Ph. B. in Journ. Bachelor of Philosophy in Journalism.
Ph. C. Pharmaceutical Chemist
Ph. D. Doctor of Philosophy.
Ph. G. Graduate in Pharmacy

Ph. M. Master of Philosophy.
P. Th. B. Bachelor of Practical Theology.
R.N. Registered Nurse.
San. D. Doctor of Sanitation.
S.B. Bachelor of Science.
Sc. D. Doctor of Science.
S.J.D. Doctor of Science of Law.
S.M. Master of Science.
S.T.B. Bachelor of Sacred Theology.
S.T.D. Doctor of Sacred Theology.
S.T.L. Licentiate in Sacred Theology.
S.T.M. Master of Sacred Theology.

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